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BOROUGH of MACCLESFIELD

ANNUAL REPORT

of the

Medical Officer of Health

FOR THE YEAR 1939.

J. H. D. LAWRIE, M.D., Ch.B., D.P.H.
Medical Officer of Health.
Medical Superintendent of Isolation Hospital, etc.

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Borough of Macclesfield

HEALTH COMMITTEE.

Meetings at 10.30 a.m. on the Third Thursday in each month.

The Mayor.
Ald. Brees
,, Fletcher
Coun. Arrowsmith
,, Bettany
,, Bloor
,, A. Breese
,, Butters
,, Campbell
,, Chapman
,, Compston
,, Grey (Mrs.)
,, Hindley
,, Hodkinson
,, H. Hulme
,, Hyde
,, Proctor
,, Roach
,, Rotherham
,, Sinnett
,, Smith
,, Sproson
,, Turpin (Mrs.)
,, Warrington.

Chairman: Mr. Councillor Warrington.

Vice-Chairman: Mr. Councillor Hyde.

Sub-Committees:—

Sewage Works .... **Chairman:** Mr. Alderman Brees.
Cleansing .... **Chairman:** Mr. Councillor A. Warrington.

MATERNITY AND CHILD WELFARE COMMITTEE.

Meetings at 3-30 p.m. third Tuesday in each month.

The Mayor
Ald. Eaton, J.P.
Coun. Barwood
,, Grey (Mrs.)
,, Harding
,, Proctor
,, Thornhill
Coun. Turpin (Mrs.)
,, Warrington
,, Wragg
Mrs. M. B. Lomas
Mrs. F. R. Oldfield
Mrs. W. White
Miss A. J. Staghall

Chairman: Mr. Councillor Proctor.

Staff of Public Health Department

***Medical Officer of Health and Medical Superintendent of Isolation Hospital:**

J. H. D. LAWRIE, M.D., Ch.B., D.P.H.

Obstetric Consultant and Medical Officer Ante-Natal Clinic:

W. R. ADDIS, M.C., M.B., Ch.B., F.C.O.G. (Part Time).

Orthopaedic Surgeon:

W. MITCHELL SMITH, M.D., M.B., C.M. (Part Time).

***Senior Sanitary Inspector, Inspector under Food and Drugs Act, Factory and Workshops Act, Contagious Diseases of Animals Act, etc.:**

JOSEPH HERMANN, Cert. R.S.I. and Cert. Inspector of Meat and other Foods. (To 30.4.39.)

ARTHUR ALBINSON, M.C., M.M., Cert. R.S.I. (from 1.5.39).

Assistant Sanitary Inspector:

ARTHUR ALBINSON, Cert. R.S.I. (to 30.4.39).

ANDREW RAMSHAW, Cert. R.S.I. Joint Board, Inspector of Meat and Other Foods, R.S.A.S. (from 8.5.39).

Veterinary Inspector:

A. J. WRIGHT, M.R.C.V.S.

Health Visitors:

* M. DOROTHY WATSON, Cert. R.S.I., Cert. S.C.M., and Trained Nurse.

* F. MARY YATES, Cert. R.S.I., Cert. S.C.M., Cert. R.S.C.N. and Trained Nurse.

* HILDA BOWDELL, Cert. R.S.I., Cert. S.C.M., and Trained Nurse.

Matron of Isolation Hospital:

MISS A. HANNICK, S.R.N., S.C.M.

Clerks:

H. GREENHOUSE.

R. BENSON (from 8.6.39).

Cleansing Foreman:

EDWIN MOSS.

Disinfector:

S. M. HAMER.

Sewerage and Water Engineer:

EDWARD HAMSON, M.I.M.C.E. (Borough Surveyor).

Sewage Works Manager:

F. T. HAMBLETON, M.R.S.I.

Borough Analyst (part time):

S. ERNEST MELLING, F.I.C.

*Officers in respect of whose salaries contribution is made under the Public Health Acts or by Exchequer Grants.

Sanitary Administration

LIST OF ADOPTIVE ACTS, BYE-LAWS AND LOCAL REGULATIONS RELATING TO THE PUBLIC HEALTH, IN FORCE IN THE DISTRICT WITH DATE OF ADOPTION.

LOCAL ACTS.

1. The Macclesfield Borough Waterworks Act, 1849.
2. The Macclesfield Improvement Act, 1852.
3. The Macclesfield District Gas Act, 1860.
4. The Macclesfield Corporation Act, 1882.
5. The Macclesfield Corporation Act, 1923.
6. The Macclesfield Corporation Act, 1939.

ADOPTIVE ACTS.

1. The Public Health Acts (Amendment) Act, 1890; Parts II and III as from the 1st May, 1891, and Part IV as from 1st December, 1933.
2. The Infectious Disease (Prevention) Act, 1890, Sections I to IV, 16, 18 and 20 to 24, all inclusive, as from the 1st May, 1891.
3. The Public Health Acts (Amendment) Act, 1907;
   Sections 15 to 22 and 28 to 33.
   Sections 53 and 54, Part VI.
   Sections 79 to 81, 84 and 85, and Part VIII, as and from the 12th October, 1910.
   Section 95, from 22nd June, 1923.
4. The Public Libraries Acts.
5. The Burial Acts.
6. The Food and Drugs Act, 1938, Section 14.

BYE-LAWS AND REGULATIONS.

Slaughterhouses, 1930.
Common Lodging Houses, 1891.
Nuisances, 1891.
Prevention of Nuisances, 1903.
New Streets, 1926.
Factory and Workshop (Escape in case of fire), 1913.
Public Markets and Fairs, 1890 and 1915.
Public Sanitary Conveniences, 1926.
Houses Let in Lodgings, 1929.
Buildings, 1939.

INTERIM REPORT

OF

The Medical Officer of Health

For the Year ended December 31st, 1939.

Public Health Department,
Town Hall,
Macclesfield.
September, 1940.

TO THE MAYOR, ALDERMEN AND COUNCILLORS OF THE BOROUGH OF MACCLESFIELD.

Ladies and Gentlemen,

I have the honour to present to you my Report upon the health and sanitary conditions of the Borough of Macclesfield for the year 1939.

The Registrar General's estimate of the population to the middle of 1940 has not been received and all statistics have been based on the estimate to mid 1939 which was 36,350.

The 1931 Census gave the population of the Borough as 34,902.

The Birth Rate for 1939 was 10.5 compared with 11.3 in 1938.

The Death Rate was 13.4 compared with 11.5 in 1938.

The Infant Death Rate has increased, the rate per 1,000 live births being 57 compared with 51 for the year 1938.

The Birth Rate is the lowest to be recorded for the Borough.

The low Infantile Mortality Rate is one of the happy features of this report. Only three times has the Infantile Mortality Rate of 57 been more favourable, viz : in 1931 it was 43, in 1933 it was 50, and in 1938 it was 51.

The average Infantile Mortality Rate for the past eight years is 61 in comparison with an average Rate of 71 for the eight preceding years.

The Infantile Mortality Rate is the number of deaths in children under 1 year of age per thousand live births.

Infectious Disease. The number of cases of notifiable Infectious Disease which occurred during the year was 315 compared with 348 in 1938.

The diseases mainly responsible for this increase were Diphtheria, Scarlet Fever, Acute Pneumonia and Tuberculosis.

There were 111 Notifications of Diphtheria compared with 55; 42 cases of Scarlet Fever compared with 114; 65 cases of Acute Pneumonia compared with 87 and 55 cases of Tuberculosis (all forms) compared with 59 in 1938.

DIPHTHERIA IMMUNISATION.

Immunisation against Diphtheria of children attending the elementary schools of the borough and children under 5 years of age was commenced in March, 1939.

The method adopted was 3 injections of 1 c.c. T.A.F. at weekly intervals.

In addition the Authority also provided the material to local Practitioners, free of charge, for the immunisation of children whose parents wished this to be done privately on condition they did not charge more than 10/- per case.

NEW WELFARE CENTRE.

During the year the building of a new Maternity and Child Welfare Centre in Saunders Square, Moss Estate, was commenced. This centre will be opened during 1940.

I have the honour to be,

Your obedient Servant,

J. H. D. LAWRIE,

Medical Officer of Health.

GENERAL STATISTICS FOR 1939.

Area of Borough	4,632 acres
Population (Census 1931)	34,905
Population (Estimated by Registrar General, 1939)	36,350
Number of Inhabited Houses (Census 1931)	9,502
Number of Inhabited Houses (end of 1939) estimated	11,000
Rateable Value, 1939	£198,481
Product of a Penny Rate	£760
Birth Rate	10.5

	Male	Female	Total
Live Births: Legitimate	197	175	372
Illegitimate	9	3	12
	206	178	384

Still Births—22. Rate per 1,000 live births	57.3
Deaths 515. Death Rate (Standard)	13.4
Percentage of deaths occurring in Public Institutions	34.7

Number of women who died in, or in consequence of, child birth:—

From Sepsis	0
From other causes	0
Maternal Mortality Rate	0

Death Rate of Infants under one year of age per 1,000 live births:—

Legitimate, 52.0. Illegitimate, 5.2. Total, 57.2

Population.—The population of the Borough at the 1931 Census was 34,905, and consisted of 15,678 males and 19,227 females.

The Registrar General's mid-year 1939 estimate of population for the area has not been received and therefore the statistics have been calculated on the 1939 estimate which was 36,350.

Rainfall.—A record of the Rainfall in the Borough is taken each day from the rain gauge in the West Park by the Parks Superintendent, to whom I am indebted for the readings given below.

The Rainfall for the year 1939 was 34.28 inches, and the daily average rainfall was 0.09 inches.

The total numbers of live births and of deaths of residents in the Borough during 1939, were 384 and 515 respectively. These figures show an excess of deaths over births of 131. For 1938 the excess of deaths over births was 31.

The Birth Rate of 10.5 is less by 0.8 than for 1938.

Factors which contribute towards a continued low birth rate in Macclesfield have been detailed in previous reports.

The Death Rate of 13.4 shows an increase of 1.9 compared with the rate for 1938.

The Infant Death Rate of 57 per 1,000 live births is slightly higher than the previous year.

Compared with 1938, the infant death rate is higher by 6.

General Remarks on the Death Rate.

The number of Deaths in the Borough for 1939 was 515. This is an increase of 74 compared with 1938.

Death Rate for the years 1935-1939.

Year.	Corrected Death Rate.	Standard Death Rate.	Average.
1935	12.7	11.7	12.5
1936	13.1	12.4	
1937	14.1	13.4	
1938	12.1	11.5	
1939	14.1	13.4	

* Standardising factors have been calculated by the Registrar General. For this area it is 0.95, by which figure the corrected death rate should be multiplied.

TUBERCULOSIS

Cases Notified in 1939.		Cases Notified in 1938.	
Pulmonary	32	Pulmonary	45
Non-Pulmonary	23	Non-Pulmonary	14
Number of Deaths in 1939.		Number of Deaths in 1938.	
Pulmonary	27	Pulmonary	15
Non-Pulmonary	3	Non-Pulmonary	5

Notifications of Non-Pulmonary Tuberculosis, 1939.

The eleven cases notified were as follows:—

	Male	Female	Total	Last Year
Cervical Glands	6	5	11	7
Meningitis	1	—	1	1
Peritoneum	—	—	—	—
Hip	1	—	1	1
Elbow	1	—	1	—
Skin of Throat	—	—	—	1
Eye	—	—	—	—
Knee Joints	—	—	—	1
Spine	2	—	2	1
Mesenteric Glands	—	—	—	—
Breast	—	—	—	—
Bazins Disease	—	—	—	—
Abdomen	3	—	3	1
Other Parts	3	1	4	1
Pleurisy	—	—	—	—
	17	6	23	14

TUBERCULOSIS, 1939

The following table shows the cases notified and the deaths from Tuberculosis during the year in the two sexes and classified in age groups.

Age Periods	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	—	—	—	—	—	—
1 to 5 years	—	—	2	—	—	—	—	—
5 to 10 years	2	—	2	1	1	—	—	—
10 to 15 years	—	—	3	1	—	1	1	—
15 to 20 years	1	1	3	—	—	1	—	—
20 to 35 years	5	3	4	3	3	4	1	—
35 to 45 years	4	3	1	1	2	2	—	—
45 to 65 years	8	2	2	—	7	3	1	—
65 yrs. & upw'ds.	1	2	—	—	3	1	—	—
TOTALS	21	11	17	6	16	12	3	—

54 houses were disinfected after death or removal of the patient. In 1938, 35 disinfections were carried out.

The regulations respecting notifications have been satisfactorily observed.

During the year there has been no need for action to be taken under the Public Health (Prevention of Tuberculosis) Regulations, 1925, nor Section 172 of the Public Health Act, 1936.

NOTIFIABLE DISEASES DURING THE YEAR 1939.

Disease.	Total Cases Notified.	AT AGES—YEARS. Under 1 year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 & upwards.	Total notified last year (1938).	Cases treated in Hospital, Sanatorium, etc. Isolation Hospital.	General Infirmary.	County Mental Hospital.	West Park Hospital.	Sanatoria.	Other Hospitals.	Total Deaths, 1939.	DEATHS AT AGE PERIODS. Under 1 year.	1—2	2—3	3—4	4—5	5—10	10—15	15—20	20—35	35—45	45—65	65 & upwards.	Total Deaths last year (1938).
Smallpox	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Scarlet Fever	42	....	3	2	1	4	16	12	2	1	....	1	....	114	38	1	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....
Diphtheria	111	...	1	4	5	8	46	31	9	5	....	....	2	55	109	....	1	....	....	....	....	....	....	....	....	2	5	5	1	....	....	....	1	5
Enteric Fever (including Para-Typhoid)	3	....	....	....	....	....	....	....	....	....	....	2	1	—	1	—	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....
Puerperal Fever and Puerperal Pyrexia	9	....	....	....	....	....	....	1	8	....	....	....	....	6	1	4	1	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	2
Pnuemonia :—																																		
Acute Primary	43	1	3	1	2	1	6	....	1	5	4	12	7	72	2	5	12	1	....	....	)	....	....	....	....	....	....	....	....	....	....	....	....	)27
Acute Influenzal	22	....	....	....	....	....	1	....	2	6	3	8	2	15	1	1	9	....	....	....	)	....	....	....	....	....	....	....	....	....	....	....	....	)
Ophthalmia Neonatorum	2	2	....	....	....	....	....	....	....	....	....	....	....	—	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Erysipelas	18	....	....	....	....	....	....	1	....	1	3	10	3	21	6	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Dysentry (Asylum)	—	....	....	....	....	....	....	....	....	....	....	....	....	5	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Encephalitis Lethargica	—	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Acute Anterior Poliomyelitis	—	....	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	1
Cerebro-Spinal Fever	2	....	....	....	....	....	1	....	....	1	....	....	....	—	2	....	....	....	....	....	....	....	....	....	....	....	1	....	....	....	....	....	....	....
Measles	2	1	....	....	....	1	....	....	....	....	....	....	....	—	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Whooping Cough	6	1	....	....	2	....	3	....	....	....	....	....	....	—	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
TOTALS	260	5	7	7	10	14	73	45	22	19	10	33	15	289	162	11	27	1	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	35
Tuberculosis:—																																		
Pulmonary—Males	21	....	....	....	....	....	2	....	1	5	4	8	1	26	....	1	1	1	22	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	12
Females	11	....	....	....	....	....	....	....	1	3	3	2	2	19	....	....	....	1	14	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Totals	32	...	....	....	....	....	2	....	2	8	7	10	3	45	....	1	1	2	36	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	15
Non-Pulmonary—Males	17	....	....	....	2	....	2	3	3	4	1	2	....	8	....	3	....	....	....	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	2
Females	6	....	....	....	....	....	1	1	....	3	1	....	....	6	....	....	....	....	....	2	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Totals	23	....	....	....	2	....	3	4	3	7	2	2	....	14	....	3	....	....	....	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	5
COMBINED TOTALS	315	5	7	7	12	14	78	49	27	34	19	45	18	348	162	15	28	3	36	4	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....
Last Year (1938)	—	1	2	9	10	18	93	53	17	59	26	46	14	348	159	11	24	10	41	8	....	1	....	....	1	....	4	1	2	7	5	3	3	55

THE ISOLATION HOSPITAL

Number of patients treated during the year 1939:—

1. In the Hospital on the 1st January, 1939:—

Diphtheria	19	
Scarlet Fever	12	
	—	31

2. Admitted during the year 1939:—

Diphtheria	134	
Scarlet Fever	46	
Erysipelas	6	
Typhoid Fever	5	
Cerebro-Spinal Meningitis	3	
Puerperal Fever and Pyrexia	2	
Ophthalmia Neonatorum	1	
Acute Primary Pneumonia	2	
Acute Influenzal Pneumonia....	1	
Measles	2	
German Measles	1	
Pemphygus....	2	
Septicaemia	1	
Tonsilitis	2	
Cellulitis	1	
Discharging Gland	1	
	—	210
		241

SAMPLES OF SWIMMING BATHS WATER.

	MALE	FEMALE
Date Collected	30/5/39	30/5/39
Reference Nos. .... W.B.	13594	13595
W.C.B.	6844	6845
Colour	Blue.	Blue.
RESULTS (Chemical)		
Oxygen Absorbed	0.039	0.089
Free and Saline Ammonia	0.016	0.155
Albuminoid Ammonia	0.018	0.027
Nitrous Nitrogen	Nil.	Faint Trace.
Nitric Nitrogen	0.210	0.480
Chlorides	7.6	10.6
Temporary Hardness	—	—
Permanent Hardness	—	—
Total Hardness	—	—
Reaction P.H.	8.0	8.0
Action on Lead	—	—
Metals	—	—
BACTERIOLOGICAL		
Aerobic Micro-Organisms growing in Yeastral Agar :—		
In 3 days at 22°C.	3700 per c.c.	4 per c.c.
In 2 days at 37°C.	4400 per c.c.	3 per c.c.
Bacterium Coli	Not found in 100 c.c.	Not found in 100 c.c.
Coli-Aerogenes Bacteria per 100 c.c. of Water	0	0

SAMPLES OF .... **TOWN'S WATER** LANGLEY SUPPLY.

Date Collected	9/1/39.	7/2/39.	1/3/39.	4/4/39.	9/5/39.	6/6/39.	3/7/39	14/8/39.	13/9/39.	12/10/39.	13/11/39.	6/12/39.
Reference Nos. .... W.B.	13105	13227	13302	13396	13532	13612	13710	13862	13950	14043	14125	14209
Reference Nos. .... W.C.B.	6638	6689	6724	6770	6823	6848	6887	6936	6973	7003	7038	7074
Colour	Bluish Green	Blue	Bluish Green	Blue	Blue	Blue	Green	Blue	Greenish Blue	Blue	Blue.	Blue.
RESULTS (Chemical).	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000
Oxygen Absorbed	0.042	0.038	0.035	0.061	0.039	0.035	0.009	0.066	0.052	0.069	0.048	0.045
Free and Saline Ammonia	0.0016	0.0014	Nil	0.0018	0.0008	Nil	0.0010	0.0010	0.0008	0.0006	0.0010	0.0004
Albuminoid Ammonia	0.0050	0.0042	0.0052	0.0078	0.0046	0.0028	0.0038	0.0060	0.0066	0.0094	0.0066	0.0066
Nitrous Nitrogen	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nitric Nitrogen	0.105	0.129	0.099	0.081	0.060	0.096	0.090	0.060	0.030	0.045	0.045	0.120
Chlorides	1.9	1.7	1.5	1.5	1.5	1.5	1.5	1.54	1.3	1.4	1.3	1.5
Temporary Hardness	Nil	0.5	0.7	1.0	1.5	Nil	1.0	0.5	1.5	1.0	4.5	0.5
Permanent Hardness	9.5	5.0	7.3	5.0	5.0	6.0	6.0	5.5	4.5	5.5	6.5	8.0
Total Hardness	9.5	5.5	8.0	6.0	6.5	6.0	7.0	6.0	6.0	6.5	11.0	8.5
Reaction P.H.	7.5	7.5-8.0	7.0-7.5	7.0	7.0	6.5	7.5	7.0	7.5	8.0	8.0	7.5
Action on Lead	0.24	0.05	0.08	0.08	0.09	0.08	0.24	0.14	0.05	0.12	0.10	0.12
Metals	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BACTERIOLOGICAL												
Aerobic Micro-Organisms growing in Yeastral Agar:—												
In 3 days at 22°C.	7	40 per c.c.	1 per c.c.	7 per c.c.	2 per c.c.	7 per c.c.	5 per c.c.	14 per c.c.	2 per c.c.	24 per c.c.	5 per c.c.	7 per c.c.
In 2 days at 37°C.	7	4 per c.c.	2 per c.c.	1 per c.c.	1 per c.c.	7 per c.c.	1 per c.c.	2 per c.c.	2 per c.c.	4 per c.c.	3 per c.c.	5 per c.c.
Bacterium Coli	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.
Coli-Aerogenes Bacteria per 100 c.c. of Water	0	0	0	0	0	0	0	0	0	0	0	0
Remarks:—	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory	These results are satisfactory, but the count at 22° c. is high for a sample of filtered and chlorinated water.	These results are satisfactory.	These results are satisfactory.

SAMPLES OF .... **TOWN'S WATER** RULOW SUPPLY.

Date Collected	9/1/39.	7/2/39.	1/3/39.	4/4/39.	9/5/39.	6/6/39.	3/7/39	14/8/39.	13/9/39.	12/10/39.	13/11/39.	6/12/39.
Reference Nos. .... W.B.	13107	13228	13303	13394	13530	13613	13708	13863	13949	14041	14124	14211
Reference Nos. .... W.C.B.	6640	6690	6725	6768	6821	6849	6885	6937	6972	7001	7037	7075
Colour	Blue	Blue.	Green.	Blue	Blue	Blue.	Blue	Blue	Blue	Blue	Blue.	Blue.
RESULTS (Chemical)	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Part per 100,000
Oxygen Absorbed	0.024	0.035	0.052	0.054	0.014	0.021	0.032	0.062	0.010	0.00	0.021	0.049
Free and Saline Ammonia	0.0014.	0.0010	0.0008	0.0010	Nil	Nil	0.0016	0.0000	0.0000	0.0000	0.0008	0.0010
Albuminoid Ammonia	0.0058	0.0044	0.0084	0.0040	0.0022	0.0008	0.0016	0.0030	0.0020	0.0046	0.0050	0.0070
Nitrous Nitrogen	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nitric Nitrogen	0.101	0.090	0.111	0.075	0.090	0.060	0.120	0.075	0.015	0.072	0.090	0.099
Chlorides	3.0	1.7	1.6	1.7	1.6	1.6	1.5	1.6	1.2	1.5	1.5	1.6
Temporary Hardness	0.5	Nil	0.5	2.5	3.5	1.0	Nil	1.5	2.5	1.5	2.5	0.5
Permanent Hardness	11.0	7.5	7.5	5.0	5.5	7.5	6.0	6.0	4.5	5.5	7.0	8.0
Total Hardness	11.5	7.5	8.0	7.5	9.0	8.5	6.0	7.5	7.0	7.0	9.5	8.5
Reaction P.H.	7.5	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Action on Lead	0.22	0.02	0.06	0.04	0.06	0.05	0.04	0.01	0.02	0.05	0.02	0.00
Metals	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BACTERIOLOGICAL												
Aerobic Micro-Organisms growing in Yeastral Agar :—												
In 3 days at 22°C.	0 per c.c.	2 per c.c.	21 per c.c.	3 per c.c.	2 per c.c.	2 per c.c.	5 per c.c.	2 per c.c.	1 per c.c.	7 per c.c.	16 per c.c.	16 per c.c.
In 2 days at 37°C.	0 per c.c.	3 per c.c.	0 per c.c.	5 per c.c.	1 per c.c.	1 per c.c.	8 per c.c.	2 per c.c.	0 per c.c.	2 per c.c.	2 per c.c.	1 per c.c.
Bacterium Coli	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.
Coli-Aerogenes Bacteria per 100 c.c. of Water	0	0	0	0	0	0	0	0	0	0	0	0
Remarks :—	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.

SAMPLES OF .... TOWN'S WATER BLACK BROOK.

Date Collected	9/1/39.	7/2/39.	1/3/39.	4/4/39.	9/5/39.	6/6/39.	3/7/39.	14/8/39.	13/9/39.	12/10/39.	13/11/39.	6/12/39.
Reference Nos. .... { W.B. / W.C.B.	13106 / 6639	13229 / 6691	13304 / 6726	13395 / 6769	13531 / 6822	13614 / 6850	13709 / 6886	13861 / 6935	13951 / 6974	14042 / 7002	14123 / 7036	14210 / 7076
Colour	Blue	Blue	Green.	Blue.	Blue	Blue	Bluish Green	Blue.	Greenish Blue	Blue.	Blue.	Blue.
RESULTS (Chemical)	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000
Oxygen Absorbed	0.164	0.021	0.035	0.043	0.028	0.028	0.014	0.052	0.028	0.048	0.034	0.035
Free and Saline Ammonia	0.0016	0.0010	0.014	0.0004	0.0010	0.0000	0.0010	0.0008	0.0000	0.0004	0.0010	0.0016
Albuminoid Ammonia	0.0054	0.0028	0.0078	0.0048	0.0042	0.0034	0.0016	0.0042	0.0044	0.0062	0.0050	0.0058
Nitrous Nitrogen	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
Nitric Nitrogen	0.105	0.120	0.183	0.060	0.066	0.066	0.135	0.078	0.093	0.084	0.108	0.168
Chlorides	2.4	2.0	2.0	2.0	1.7	1.7	1.7	1.6	1.2	1.4	1.6	1.8
Temporary Hardness	Nil	Nil	1.3	5.5	5.5	2.5	Nil	2.5	2.0	1.5	3.5	2.0
Permanent Hardness	21.0	10.0	10.7	6.5	6.0	8.0	10.0	5.5	6.0	7.0	7.5	15.0
Total Hardness	21.0	10.0	12.0	12.0	11.5	10.5	10.0	8.0	8.0	8.5	11.0	17.0
Reaction P.H.	8.0	8.0	8.0	8.0	8.0	8.0	8.0	7.5	8.0	8.0	8.0	8.0
Action on Lead	0.19	0.04	0.07	0.04	0.03	0.04	0.06	0.07	0.04	0.14	0.05	0.14
Metals	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil
BACTERIOLOGICAL												
Aerobic Micro-Organisms growing in Yeastral Agar:—												
In 3 days at 22°C.	4 per c.c.	3 per c.c.	12 per c.c.	0 per c.c.	2 per c.c.	9 per c.c.	55 per c.c.	8 per c.c.	117 per c.c.	9 per c.c.	1 per c.c.	1 per c.c.
In 2 days at 37°C.	2 per c.c.	5 per c.c.	1 per c.c.	1 per c.c.	2 per c.c.	2 per c.c.	0 per c.c.	4 per c.c.	3 per c.c.	1 per c.c.	1 per c.c.	2 per c.c.
Bacterium Coli	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.	Not found in 100 c.c.
Coli-Aerogenes Bacteria per 100 c.c. of Water	0	0	0	0	0	0	0	0	0	0	0	0
Remarks:—	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.	These results are satisfactory.

SAMPLES OF WATER TAKEN FROM LONDON ROAD BOREHOLE.

Date Collected	25/5/39.	30/5/39.	5/6/39.	27/7/39.	31/7/39.	3/8/39.	14/8/39.
Reference Nos. W.B.	13583	13596	13606	6918	6921	6930	6938
Reference Nos. W.C.B.	6840	6846	6847				
Colour	Grey	Milky Yellow.	Greenish Yellow	Greyish Brown	Greyish Brown.	Greyish Yellow	Greyish Green
RESULTS (Chemical)	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000	Parts per 100,000
Oxygen Absorbed	0.018	0.028	0.000	0.028	0.006	0.034	0.038
Free and Saline Ammonia	0.0144	0.0078	0.0058	0.0104	0.0094	0.0084	0.0082
Albuminoid Ammonia	0.0024	0.0010	0.0018	0.0056	0.0064	0.0054	0.0030
Nitrous Nitrogen	Trace	Nil	Nil	Nil	Nil	Trace	Nil
Nitric Nitrogen	0.048	0.021	0.066	0.060	0.066	0.030	0.057
Chlorides	1.2	1.5	1.5	1.5	1.4	1.5	1.4
Temporary Hardness	35.5	40.5	31.5	19.0	23.0	24.0	20.0
Permanent Hardness	4.5	4.5	8.5	8.0	7.0	6.0	8.0
Total Hardness	40.0	45.0	40.0	27.0	30.0	30.0	28.0
Reaction P.H.	8.0	8.0	8.0	8.0	8.0	8.0	8.0
Action on Lead	0.08	0.07	0.07	0.02	0.04	0.03	0.04
Metals	Nil	Nil	Nil	Iron 0.1	Iron trace.	Iron trace	Nil
BACTERIOLOGICAL							
Aerobic Micro-Organisms growing in Yeastral Agar:—							
In 3 days at 22°C.	580 per c.c.	127 per c.c.	13 per c.c.	No Sample taken.	No Sample taken.	No Sample taken.	No Sample taken.
In 2 days at 37°C.	350 per c.c.	6 per c.c.	4 per c.c.				
Bacterium Coli	Present in 10 c.c.	Not found in 100 c.c.	Present in 100 c.c.				
	Not found in 1 c.c.		Not found in 10 c.c.				
Coli-Aerogenes Bacteria per 100 c.c. of Water	18+	0	1				
Remarks:—							

Date Collected	27/7/39.	31/7/39.	3/8/39.	11/8/39.	14/8/39.
RESULTS (Chemical).	Parts per 100,000	Parts per 100,000.	Parts per 100,000	Parts per 100,000	Parts per 100,000.
Total Solids in Solution	29.6	30.0	28.0	29.6	29.6
Non-Volatile (Mineral) Solids	20.0	20.4	22.0	26.4	26.4
Loss on Ignition	9.6	9.6	6.0	3.2	3.2
Total Hardness (Equivalent to 16.1° Clark)	23.0	23.0	23.0	*23.5	*23.5
Temporary Hardness	23.0	22.6	22.6	22.8	22.8
Permanent Hardness	Nil.	0.4.	0.4	0.7	0.7
Combined Chlorine	1.3	1.3	1.3	1.3	1.3
Heavy (Toxic) Metals	Nil.	Nil.	Nil.	Nil.	Nil.
Free Carbonic Acid	4.3				
Ammoniacal Nitrogen	0.010	0.0075	0.0045	0.004	0.004
Albuminoid Nitrogen	0.0005	0.001	0.001	0.0005	0.0005
Nitrous Nitrogen (Nitrites)	Nil.	Nil.	Nil.	Nil.	Nil.
Nitric Nitrogen (Nitrates)	0.10	0.10	0.07	0.08	0.08
Oxygen Absorbed in 3 hrs. @ 26.7°C.	0.036	0.10	0.06	0.02	0.016
BACTERIOLOGICAL	None taken.	None taken.	None taken.		
Remarks:—	So far as it is possible to say from chemical analysis, this supply is of a high degree of organic purity. The incidence of ammoniacal nitrogen is, we believe, without hygienic significance.		In comparison with the two previous analyses of this supply, these results show that the composition and general characteristics of this water vary very little and, consequently, the remarks previously made apply to the present sample.	*-Pfeifer-Wartha. Eqivalent to 16.45 degrees Clark. Both samples are of identical composition and character and the supply is thus shown to be thoroughly stabilised.	

Date Collected / Ref. No.		14/8/39. 37001	
RESULTS (Chemical).		Parts per 100,000.	Grains per Gallon
Total Solids (Dried @ 180°C)		30.0	21.0
Combined Chlorine (Cl)		1.50	1.05
Equivalent to Sodium Chloride (NaCl)		2.48	1.74
Nitric Nitrogen (Nitrates)		0.04	0.03
Nitrous Nitrogen (Nitrites)		Nil.	Nil.
Ammoniacal Nitrogen		0.0048	0.0034
Albuminoid Nitrogen		0.0008	0.0006
Oxygen Absorbed in 4 hours @ 27°C.		0.009	0.006
Lead or Copper		Nil.	Nil.
Temporary Hardness	(Equivalent to Ca. CO_3)	23.5	16.5
Permanent Hardness	(Equivalent to Ca. CO_3)	1.0	0.7
Total Hardness	(Equivalent to Ca. CO_3)	24.5	17.2
		None Taken.	
		The water is slightly opalescent but the results of the analysis show that it is quite fit for drinking purposes.	

TYTHERINGTON BOREHOLE.

Date Collected	15/8/39.		18/8/39.		22/8/39.	
Reference No.	37056		37492		38020	
RESULTS (Chemical)	Parts per 100,000	Grains per Gallon	Parts per 100,000	Grains per Gallon	Parts per 100,000	Grains per Gallon
Total solids (dried at 120 deg. C.)	35.0	24.5	35.0	24.5	37.0	25.9
Combined Chlorine	1.90	1.33	1.90	1.33	1.80	1.26
Equivalent to Na. Cl.	3.14	2.20	3.14	2.20	2.97	2.08
Nitric Nitrogen (Nitrates)	0.17	0.12	0.06	0.06	0.14	0.10
Nitrous Nitrogen (Nitrites)	Nil	Nil	Nil	Nil	Nil	Nil
Ammoniacal Nitrogen	Nil	Nil	Nil	Nil	Nil	Nil
Albuminoid Nitrogen	0.0004	0.0003	0.0007	0.0005	0.0004	0.0003
Oxygen absorbed in 4 hours at 27 deg. C.....	0.004	0.003	0.004	0.003	0.004	0.003
Lead or Copper	Nil	Nil	Nil	Nil	Nil	Nil
Temporary hardness, equivalent to Ca. Co. 3)	21.0	14.7	21.3	14.9	21.0	14.7
Permanent hardness	0.5	0.4	1.0	0.7	1.0	0.7
Total hardness	21.5	15.1	22.3	15.6	22.0	15.4
BACTERIOLOGICAL (Cultural and Microscopical).						
The Average number of organisms producing visible colonies on agar plates incubated at 20—22 deg. C. for 3 days is found to be	6 per m.l.		16 per m.l.		11 per m.l.	
The Average number of organisms producing visible colonies on agar plates incubated at 37.5 deg. C. for 2 days is found to be	3 per m.l.		2 per m.l.		4 per m.l.	
B Coli	Not found in 100 m.l.		Not found in 100 m.l.		Not found in 100 c.c.	
Streptococci	Not found in 30 m.l.		Not found in 30 m.l.		Not found in 30 c.c.	
Cl. Welchii (Spores)	Not found in 100 m.l.		Not found in 100 m.l.		Not found in 100 c.c.	
Remarks:-	The combined results show that this water is of a high degree of organic and bacterial purity and of excellent quality for drinking purposes.		The combined chemical and bacteriological results show this water to be of a high degree of purity and quite safe for drinking.		The results show this water to be of excellent quality and fit for drinking.	

The Disinfector and Disinfection.

The following table gives the number of articles disinfected by steam during the year:—

	Borough.	R.D.C.	Bollington.	A.R.P.	H.M. Forces.	Total
Beds	260	53	—	2	—	315
Pillows	357	80	—	29	—	466
Pillow Cases	280	61	—	—	—	341
Bolsters	125	23	—	—	—	148
Bolster Cases	98	14	—	—	—	112
Sheets	223	56	—	—	—	279
Blankets	451	120	2	961	—	1534
Counterpanes	213	25	—	—	—	238
Eiderdowns	81	20	—	—	—	101
Towels	11	10	—	—	—	21
Rugs	7	5	—	—	—	12
Articles of Clothing	73	60	—	—	—	133
Spring Covers	34	6	—	—	—	40
Cushions	24	7	—	—	—	31
Miscellaneous articles	37	—	—	—	—	37
Miscellaneous articles in Bundles	—	—	—	—	16	16
	2274	540	2	992	16	3824

Articles Destroyed, 1939

Beds	31	1	—	—	—	32
Pillows	25	—	—	—	—	25
Pillow Cases	2	—	—	—	—	2
Bolsters	4	—	—	—	—	4
Bolster Cases	1	—	—	—	—	1
Sheets	7	—	—	—	—	7
Blankets	5	—	—	—	—	5
Eiderdowns	5	—	—	—	—	5
Articles of Clothing....	12	—	—	—	—	12
Spring Covers	2	—	—	—	—	2
Cushions	3	—	—	—	—	3
Carpets	2	—	—	—	—	2
Curtains	3	—	—	—	—	3
	102	1	—	—	—	103

BACTERIOLOGICAL LABORATORY.

The following specimens were examined at the Public Health Laboratory, Town Hall:—

Nature of Examination	Number of Specimens	Result of Examinations: Positive	Negative
1. Throat and Nasal Swabs for Diphtheria Organisms	867	30	837
2. Sputum for Tubercle Bacilli	10	—	10
3. Blood for Widal Reaction....	2	—	2
4. Cerebro Spinal Fluid for Meningococci	2	1	1
5. V.D. Smear for Organisms	—	—	—
6. Urine Examinations	—	—	—
7. Hair for Ringworm	—	—	—
	881	31	850

In addition 128 specimens of Sputum were examined at the County Council Laboratory, Chester, during the year. Of this number 20 were positive and 108 were negative.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Scarlet Fever.

During 1939, 42 cases of Scarlet Fever were notified and 38 were removed to the Isolation Hospital. In 1938, 114 cases were notified and 104 removed to the Isolation Hospital.

Diphtheria.

111 cases of Diphtheria were notified, and 109 were removed to the Isolation Hospital. . In 1938, 55 cases were notified and 53 removed to the Isolation Hospital. .

Diphtheria Anti-Toxin Serum.

Supplies of Anti-Toxin are available at the Office of the Medical Officer of Health, Town Hall, and also at the Isolation Hospital for Borough cases. After office hours and on Sundays and Bank Holidays, supplies may be obtained from the Borough Police Station.

Enteric Fever.

3 cases of Typhoid or of Para-Typhoid Fever occurred in the Borough during the year.

Puerperal Fever and Puerperal Pyrexia.

9 cases of Puerperal Pyrexia and Puerperal Fever were notified during the year.

Ophthalmia Neonatorum.

2 cases of Ophthalmia Neonatorum were notified during the year.

Erysipelas.

18 cases of Erysipelas were notified. This is a decrease of 3 compared with last year. No deaths occurred from this disease during the year.

Dysentry.

No cases of Dysentry were notified from the County Mental Hospital during the year.

Acute Primary and Acute Influenzal Pneumonia.

During the year, 65 cases of these diseases were notified. Last year there were 87 notifications.

Tuberculosis.

32 cases of Pulmonary Tuberculosis were notified, and 23 of Non-Pulmonary Tuberculosis, making a total of 55 cases, compared with 45 Pulmonary and 14 Non-Pulmonary, a total of 59 last year. 36 Pulmonary cases received Sanatorium treatment, and 3 Non-Pulmonary cases received Hospital treatment, making a combined total of 39 receiving Institutional treatment. Details of these are contained in the table of Notifiable Diseases.

Measles.

Since this disease became notifiable on the 1st November, 1939, 2 cases have been reported, one of which was removed to the Isolation Hospital. In addition, 1 case was reported by a Head Teacher of an Elementary School in the Borough, and 2 occurred in children under 5 years of age.

Whooping Cough.

This disease also became notifiable on the 1st November, 1939. Since that date 6 cases have been reported.

No cases were reported by the Head Teachers of the Elementary Schools in the Borough, but 7 occurred in children under 5 years of age.

General.

The total number of notifications for the year was 315 against 348 in 1938. This figure includes Measles and Whooping Cough notifications since 1st November, 1939.

Non-Notifiable Infectious Disease.

The following are the details of the 53 notifications received from the Head Teachers of the Elementary Schools.

Measles	1
Whooping Cough	—
Chicken Pox	51
Mumps	1
Total	53

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

Hospitals provided or subsidised by the Local Authority or County Council.

Tuberculosis.

There is no hospital provision for Tuberculosis cases in the Borough except that provided by the Public Assistance Committee at the West Park Hospital. Cases are at times treated in the General Infirmary, but as a rule cases of pulmonary tuberculosis are not accepted. A number of non-pulmonary cases are, however, treated at the Infirmary. The County Council Tuberculosis Dispensary is at the Macclesfield Infirmary, where the County Council Tuberculosis Officer for this area, Dr. Henzell, attends every Monday and Friday at 2-30 p.m.

Maternity Beds.

The Maternity and Child Welfare Committee assists towards the cost of maintenance of suitable cases in West Park Hospital and in special cases, St. Mary's Hospital, Manchester, during confinement, and in certain cases pays the whole fee.

Children.

The General Infirmary has a Children's Ward and does a large amount of useful and necessary remedial work. The Town Council and the Education Committee subscribe to the funds of this Institution.

Notifiable Infectious Diseases.

The Corporation Isolation Hospital has 74 beds and is situated in Moss Lane. Patients are treated free. Arrangements have been made for the reception of patients from the Macclesfield Rural District and from Bollington.

The Corporation is also responsible for maintaining a Small-pox Hospital of 12 beds.

General Infirmary.

This Institution is situated near the West Park. It has accommodation for 105 patients with separate male, female and children's wards and there are special wards for private patients. The Infirmary is supported largely by voluntary subscriptions, and poor patients are treated free. Ordinarily, however, patients are expected to pay according to their circumstances.

This is the Institution of the Public Assistance Committee and receives the sick poor. It is also a general hospital.

Both the General Infirmary and the West Park Hospital are recognised as training schools for nurses, and an arrangement exists for the interchange of staff between the two Hospitals for training purposes.

County Mental Hospital.

This hospital is situated in the Borough near Broken Cross. Most of the patients come from Cheshire, and from the County Borough of Stockport. There is at present, accommodation for 1,290 patients, but further extensions are about to be made which will provide 300 additional beds.

Ambulance Facilities.

(a) **Infectious Cases.** The Corporation have provided a well-equipped motor ambulance for the removal of infectious cases. (b) **Non-infectious and accident cases.** Two Ambulances are maintained by the Corporation for non-infectious and accident cases. Special arrangements have been made for the use of the ambulances by the Police in cases of accident. They are also available for private cases of non-infectious illness on special terms to residents and at the rate of 1s. 3d. per mile to non-residents, public bodies, and others. The minimum charge is 2s. 6d. Practitioners in the Borough have been informed of this facility, and also that the Ambulance may be engaged by telephone.

County Cases.

Nature of Cases.	Males	Females	In Working Hours	Out of Working Hours	Calls	Cases
Sick Cases to General Infirmary	39	72	70	38	108	111
Sick Cases to West Park Hospital	17	32	35	11	46	49
Accidents to General Infirmary....	40	22	24	30	54	62
To Manchester & other Hospitals	4	15	16	3	19	19
To General Infirmary Mortuary....	6	1	4	3	7	7
False Calls	0	0	1	1	2	0
Cases to Knutsford Institution....	1	0	0	1	1	1
From Infirmary to Home	21	26	39	8	47	47
Mental Cases to Parkside Asylum	3	1	3	1	4	4
From West Park to Home	1	2	2	1	3	3
From County Roads to Home	0	1	1	0	1	1
Total Cases, 1939	132	172	195	97	292	304
Total Cases, 1938	124	138	161	88	249	262
Grand Total, 1939	1297	1447	2214	482	2696	2744
Grand Total, 1938	876	1296	1744	369	2113	2152

Pre-School Clinic.

Sessions are held on Wednesday mornings at the Welfare Centre in Great King Street.

There has been a slight decrease in the number of attendances made by children from 1-5 years, but parents have continued to take an interest in the work of this Clinic which aims at preventing the onset of disease in children under 5 years of age.

Ante-Natal and Post Natal Clinic.

The sessions have again been undertaken by Dr. W. R. Addis.

ANALYSIS OF AMBULANCE WORK, 1939.

Borough Cases.

Nature of Cases.	Males	Females	In Working Hours	Out of Working Hours	Calls	Cases
Sick Cases to General Infirmary	410	517	810	115	925	927
Sick Cases to West Park Hospital	90	14	161	61	222	230
Accidents to General Infirmary....	146	61	127	64	191	207
Cases from General Infirmary to Home	404	430	751	82	833	834
To Manchester & other Hospitals	29	62	74	14	88	91
Dead Bodies to Public Mortuary	36	18	35	19	54	54
Mental Cases to Parkside Asylum	3	6	5	4	9	9
Cases from Infirmary to West Park Hospital	6	3	6	3	9	9
From West Park Hospital to Infirmary	1	7	6	2	8	8
From Borough Streets to Home	13	16	22	5	27	29
Cases to Borough Police Station	1	1	1	1	2	2
False Calls	0	0	6	4	10	0
From West Park Hospital to Arclid Institution	1	7	4	2	6	8
Cases to Knutsford Institution	9	2	5	6	11	11
From West Park to Parkside Asylum	1	3	4	0	4	4
Cases moved at home with appliances	1	2	0	3	3	3
From Parkside Asylum to West Park	7	0	1	0	1	7
From Parkside Asylum to Arclid	7	0	1	0	1	7
Total Borough Cases, 1939....	1165	1275	2019	385	2404	2440
Total Borough Cases, 1938....	752	1158	1583	281	1864	1890

138 expectant mothers attended the Clinic during the year, and the total number of attendances made was 422.

During the year Dr. Addis, the Obstetric Consultant to the Authority, recommended four cases for admission to St. Mary's Hospital, Manchester, for treatment. 42 cases were also admitted to West Park Hospital for confinement under the Maternity and Child Welfare Committee's scheme.

Voluntary Lady Helpers.

The Chairman and members of the Maternity and Child Welfare Committee and the members of the staff are indebted to the following ladies for the valuable help which they have given at the Centres throughout the year.

HURDSFIELD HOUSE CENTRE: Miss Turner, Mrs. Lomas, Miss Staghall, Miss Potts, Mrs. Chapman and Mrs. Sheldon.

GREAT KING STREET CENTRE: Mrs. Morley, Mrs. White, Miss Winder, Mrs. Ford, Miss Lister, Mrs. Carver, Mrs. Scragg, Miss Heaps, Mrs. Kegan, Miss Carver, Mrs. Webster, Miss Frank, Mrs. Bond, Mrs. Taylor, Mrs. Tonkinson, Miss Turner, Miss Bamlett.

Table III

CAUSES OF INFANT DEATHS, 1939. At different age periods under 1 year.

CAUSE OF DEATH	Under 1 week	1-2 weeks	2-3 weeks	3-4 weeks	Total under four weeks	1-3 (Four weeks and under three months)	3-6 (Three months and under six months)	6-9 (Six months and under nine months).	9-12 (Nine months and under 12 months)	Total Deaths under one year.
Measles	—	—	—	—	—	—	—	—	—	—
Whooping Cough....	—	—	—	—	—	—	—	—	—	—
Other Tuberculosis Diseases....	—	—	—	—	—	—	—	—	—	—
Meningitis (Not Tuberculosis)	—	—	—	—	—	—	—	—	—	—
Convulsions	—	—	—	—	—	—	—	—	—	—
Bronchitis	—	—	—	—	—	—	—	—	—	—
Pneumonia (all forms)	—	1	—	—	1	—	2	1	1	5
Enteritis	—	—	—	—	—	1	1	—	—	2
Injury at Birth	1	—	—	—	1	—	—	—	—	1
Atalectasis	2	—	—	—	2	—	—	—	—	2
Congenital Malformations	3	—	—	1	4	—	—	—	—	4
Premature Birth	1	—	1	1	3	—	—	—	—	3
Atrophy, Debility and Marasmus	3	—	—	—	3	—	—	—	—	3
Other Causes	—	—	—	—	—	—	2	—	—	2
	10	1	1	2	14	1	5	1	1	22

Of the 22 Infant Deaths, 11 occurred in males and 11 in females.

The Infant death rate per 1,000 live births was 57, compared with 51 last year.

Neo-Natal Death Rate.

The number of Infant deaths during the first four weeks of life, per 1,000 live births for 1939 was 14, making the Death Rate 36.4.

Illegitimate Deaths.

There were two deaths of Illegitimate Infants during the year.

DIPHTHERIA IMMUNISATION

The Immunisation against Diphtheria of children in the elementary schools of the Borough and children under 5 years of age was commenced in March, 1939.

The method adopted was three injections of 1 c.c. T.A.F. at weekly intervals.

The following table shows the number of children immunised in the schools and at the Welfare Centre to the 31st December, 1939:—

	Elementary School Children.	Children under 5 years.	Total
No. who have had 3 injections	1213	181	1394
,, ,, ,, ,, 2 ,,	3	—	3
,, ,, ,, ,, 1 ,,	9	—	9
	1225	181	1406

In addition to the above the Authority also provided the necessary material to Local Medical Practitioners free of charge for the immunisation of any child whose parents wished this to be done privately on condition they did not charge more than 10/- per case.

The following table shows the number of children immunised by Medical Practitioners under this scheme:—

	Elementary School Children.	Children under 5 years.	Total
No. who have had 3 injections	239	34	273
,, ,, ,, ,, 2 ,,	2	—	2
	241	34	275

Return completed and sent to the Ministry of Health not later than the 15th February, 1940.

Borough Council of Macclesfield.

MATERNITY AND CHILD WELFARE

Return (1) showing the arrangements made for maternity and child welfare by the Council and by Voluntary Associations providing maternity and child welfare services in respect of which the Council pay contributions under Section 101 of the Local Government Act, 1929, or otherwise; and (2) giving particulars of the work done during the year 1939.

Return to be made by all Welfare Authorities.

1. Population of the area served by the Council as Welfare Authority 36,350

2. Number of births notified in that area during the year under Section 203 of the Public Health Act, 1936, or Section 255 of the Public Health (London) Act, 1936, as adjusted by any transferred notifications:—

   (a) Live births 384; (b) Still births 22; (c) Total 406.

   (d) By Midwives 391; (e) By Doctors and parents 15.

3. Health Visiting.

   (i) Number of Officers employed at the end of the year:—

   (a) By the Council and working in the area served by the Council 3

   (b) By the Council and working in the areas of other Local Authorities 0

   (c) By Voluntary Associations and working in the area served by the Council 0

   (d) By Voluntary Associations and working in the areas of other Local Authorities 0

   (ii) Equivalent of whole-time services devoted by the whole staff to health visiting in the area (including attendance at infant welfare centres):—

   (a) In the case of Health Visitors employed by the Council 3

   (b) In the case of Health Visitors employed by Voluntary Associations 0

(iii) Number of visits paid during the year by all Health Visitors working in the area:—

(a) To expectant mothers; First visits, 70; Total visits, 365.

(b) To children under 1 year of age; First visits, 347; Total visits, 2,388.

(c) To children between the ages of 1 and 5 years; Total visits, 6,186.

4. Infant Welfare Centres.

(a) Number of Centres provided and maintained by the Council	2
(b) Number of Centres provided and maintained by Voluntary Associations	0
(c) Total number of children who first attended at the Centres during the year and who, on the date of their first attendance were:—	
(i) Under 1 year of age	220
(ii) Between the ages of 1 and 5 years	47
(d) Total number of children under 5 years of age who attended at the Centres during the year and who, at the end of the year, were:—	
(i) Under 1 year of age	194
(ii) Over 1 year of age	358

5. Ante-Natal and Post-Natal Services:—

	Ante-Natal	Post-Natal
(a) Ante-natal and Post-natal Clinics (whether held at Infant Welfare Centres or at other premises):—		
(i) Number of Clinics provided and maintained by the Council	1	1
(ii) Number of Clinics provided and maintained by Voluntary Associations	0	0
(iii) Total number of women who attended at the Clinics during the year	138	4
(b) Total number of expectant mothers ante-natally examined and of cases post-natally examined during the year, under arrangements made by the Council with private medical practitioners, excluding cases included under (5) (a) (iii)	0	0

6. Supply of Milk and Food.

(a) Indicate what arrangements are made for this service by inserting "Yes" or "No" in each space in the following table:—

TERMS OF SUPPLY.	MILK			MEALS SUPPLIED AT DINING CENTRES.			OTHER FOOD.		
	Expectant Mothers.	Nursing Mothers.	Children under 5 Years of age.	Expectant Mothers.	Nursing Mothers.	Children under 5 years of age	Expectant Mothers.	Nursing Mothers.	Children under 5 years of age.
Free, or at less than cost price, in necessitous cases	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes
At cost price in other cases (e.g. sale of Dried Milk at Centres)	Yes	Yes	Yes	No	No	No	Yes	Yes	Yes

(b) Total quantity of milk supplied during the year to expectant and nursing mothers and young children :—

	LIQUID.		DRIED
	GALLONS.		POUNDS
	Under arrangements approved in accordance with Circular 1840.	Otherwise	
(i) By the Council	—	4,287½	3,520
(ii) By Voluntary Associations operating in the area of the Council	—	—	—
Totals	—	4,287½	3,520

7. Maternity Homes and Hospitals (excluding maternity beds in Homes for Mothers and Babies and Improvised Maternity Homes under paragraph 26 of Circular 1882).

I.

	Separate maternity Institutions provided by the Council.	Other Institutions with maternity wards provided by the Council.	Institutions provided by Voluntary Associations and subsidised by the Council.
Number of Institutions	Nil	Nil	Nil
Number of maternity beds (exclusive of isolation and labour beds)	Nil	Nil	Nil
(a) Normal complement before emergency	Nil	Nil	Nil
(b) Complement at 31st Dec., 1939	Nil	Nil	Nil
Total number of women admitted to these beds during the year	Nil	Nil	Nil
Number of Beds (included in the figures above) allocated to, and reserved for, expectant mothers in need of hospital treatment	Nil	Nil	Nil
Total number of women treated in these beds during the year	Nil	Nil	Nil

II.

Number of women (if any) sent by the Council during the year to other Maternity Institutions:—

West Park Hospital, Macclesfield	42
St. Mary's Hospital, Manchester	4
	46

8. Day Nurseries.

(a) Number of Day Nurseries :—

(i) Provided by the Council	0
(a) Prior to the Emergency	0
(b) And working in the Council's area on the 31st December, 1939	0
(ii) Provided by Voluntary Associations	1
(a) Prior to the Emergency	1
(b) And working in the Council's area on the 31st December, 1939	1

(b) Number of places for children under 5 years of age in the Nurseries :—

(i) Provided by the Council	0
(a) Prior to the Emergency	0
(b) At the 31st December, 1939	0
(ii) Provided by Voluntary Associations	1
(a) Prior to the Emergency	25–30
(b) At the 31st December, 1939	25–30

(c) Total number of attendances of children at these Nurseries during the year :—

Full days	6,559
Half days	1,165

9. Infectious Diseases.

Disease.	Number of cases notified during the year	Number of cases visited by officers of the Council	Number of cases for whom home nursing was provided by the Council	Number of cases removed to Hospitals
1 Ophthalmia Neonatorum	2	2	0	2
2 Pemphigus Neonatorum	0	0	0	0
3 Puerperal Fever	2	2	0	0
4 Puerperal Pyrexia	7	7	0	1
5 Measles and German measles (in children under 5 years of age)	2	2	0	0
6 Whooping Cough (do.)	7	7	0	0

7 Epidemic Diarrhoea (do.)	0	0	0	0
8 Poliomyelitis (do.)	0	0	0	0

Information should be supplied as to the number of cases of Ophthalmia Neonatorum notified during the year in which:—

(*a*) Vision was unimpaired	2
(*b*) Vision was impaired	0
(*c*) Vision was lost	0
(*d*) The patient was still under treatment at the end of the year	0
(*e*) The patient died	0
(*f*) The patient removed from the district	0
(*g*) Classification under the above heads cannot be made (details of these cases should be attached)	0
Total	2

10. Home Nursing.

(*a*) Number of Nurses employed at the end of the year (otherwise than for purposes of the Midwives Act, 1936), for the nursing of expectant mothers and children under 5 years of age, maternity nursing, or the nursing of puerperal pyrexia:—

(i) By the Council	0
(ii) By Voluntary Associations	0

(*b*) Total number of cases attended during the year by these Nurses 0

11. Maternal Deaths.

(*a*) Number of women who died in, or in consequence of, childbirth in the area served by the Council for maternity and child welfare during the year:—

(i) From Sepsis	0
(ii) From other causes	1

(*b*) Number of these cases which died:—

(i) At home	0
(ii) In Institutions	1

12. Child Life Protection (Sections 206 to 220 of the Public Health Act, 1936, or Part XIII of the Public Health (London) Act, 1936).

(a) Number of persons who were receiving children for reward at the end of the year	10
(b) Number of children:—	
(i) At the end of the year	10
(ii) Who died during the year	0
(iii) On whom inquests were held during the year	0
(c) Number of Child Protection Visitors at the end of the year who were:—	
(i) Health Visitors	3
(ii) Female, other than Health Visitors	0
(iii) Male	0
(d) Number of persons (in addition to or in lieu of Visitors under (c) above) or societies authorised to visit under the proviso to Section 209 (2) of the Public Health Act, 1936, or Section 258 (3) of the Public Health (London) Act, 1936	0
(e) Proceedings taken during the year:—	
Number of cases (Act and Section under which proceedings were taken)	0

(Signed) J. H. D. LAWRIE,

2nd February, 1940. Medical Officer of Health.

WELFARE CENTRES.

Days and Times of Sessions.

Day	Great King Street.	Hurdsfield House
Monday	Infant Welfare M.O.H. 2 p.m.	
1st Tuesday	Ante-Natal, Dr. W. R. Addis, 2-30 p.m.	
3rd Tuesday	Ante-Natal, Dr. W. R. Addis, 2-30 p.m.	
		Miss Farrar, 2 p.m.
Wednesday	Pre-School Clinic M.O.H., 10-30 a.m.	Orthopaedic Clinic. 10 a.m.
Thursday		Infant Welfare, M.O.H., 2 p.m.

Macclesfield General Infirmary.

Ultra Violet Ray Treatment, Electrical Treatment, massage and remedial exercises.

School Clinic, Pierce Street.

Treatment for defective vision in expectant and nursing mothers and children under 5 years of age.

During the year 8 new cases have been referred to the clinic for defective vision.

In addition to the above, 12 cases were still attending from the previous year for observation.

Dental treatment in expectant and nursing mothers and children under 5 years of age.

The total number of children examined during the year was 19. The total attendances were 20.

One expectant mother has been referred for dental treatment during the year.

Minor Ailments. 20 children have attended the Clinic during the year. The total attendances being 31.

Manchester Ear, Nose and Throat Hospital.

Diseases of the ear, nose and throat in children under 5 years (special arrangement for in-patient and out-patient treatment). No cases were referred to this Hospital during the year.

West Park Hospital and St. Mary's Hospital, Manchester.

(Through Dr. Addis)

Hospital treatment during confinement.

Bacteriological Specimens from the Welfare Centres are examined at the Public Health Laboratory at the Town Hall.

Free Milk, etc., to Expectant Mothers and Young Children.

Milk is supplied free to all expectant and nursing mothers, infants under 1 year, and to certain other children where the family income comes within the scale approved by the Committee.

Virol, Cod Liver Oil and Malt, Dried Milk and other Foods are also supplied free in necessitous cases.

ORTHOPAEDIC CLINIC.

The sessions are held each Wednesday at 10 a.m. at Hurdsfield House.

The consultant, Dr. W. Mitchell Smith attends on the third Wednesday in each month at 10 a.m.

There have been 12 consultant sessions and 51 treatment sessions during the year 1939.

The following tables give a complete summary of the work done during the year in connection with the Maternity and Child Welfare Service.

Number of children who attended for the first time	14
Total Number of individual children who attended the clinic	23
Total Number of attendances at all sessions	69
Average attendances of children per session	1.4
Average attendance per child	3
Number of children referred to the Orthopaedic Hospital, Hartshill, for operative treatment	0

Summary of defects of new cases treated at the Clinic during the year.

	Male	Female	Total
Genu Valgum (Knock Knees)	2	—	2
Flat Feet	1	1	2
Genu Valgum and Flat Feet	—	—	—
Genu Varum (Bow Legs)	2	—	2
Genu Varum and Flat Feet	—	—	—
Flat Feet and Valgoid Ankles	2	—	2
Metatarsus Varus (Inverted Feet)	—	—	—
Talipes (Club Foot)	—	—	—
Hemiplegia	—	—	—
Rickets	—	—	—
Torticollis (Wry Neck)	—	—	—
Poliomyelitis	1	—	1
Other Defects	3	2	5
	11	3	14

Orthopaedic Clinic.

	1935.	1936.	1937.	1938.	1939
Number of children under 5 years of age who attended for the first time	—	26	9	15	14
Total number of attendances of children under 5 years	—	108	130	136	69

Visits made by Health Visitors.

Visits to expectant mothers:					
First visit	170	176	139	84	70
Total visits	339	389	279	529	365
First visits to children under 1 year	413	461	436	405	347
Total visits to children under 1 year	2,433	2,282	2,135	3,025	2,388
Total visits to children 1 to 5 years	4,030	3,457	3,814	6,430	6,186
	7,385	6,765	6,803	10,473	9,356

Infectious Diseases.

Puerperal Pyrexia	2	1	3	4	7
Puerperal Fever	—	3	—	2	2
Ophthalmia Neonatorum	3	2	—	—	2

Notification of Births Act.

Births Notified within 36 hours :—

By Midwives	281
By Hospitals	116
By Doctors and Parents	9
Total	406

Day Nursery, 1 Glegg Street.

The Day Nursery in Glegg Street is run by a Voluntary Committee of ladies, and receives an annual grant of £184 1s. 10d. from the Corporation.

Accommodation is provided for 25 children during the winter months, and 30 children in summer when use can be made of the verandahs.

Dr. Marshall is the Medical Officer.

The attendances made by children under 5 years of age during 1939 were as follows :—

Whole Day	6,559
Half Day	1,165
Total	7,724

These figures show an increase of 4,118 compared with last year, when the total number of attendances was 3,606.

Much credit is due to the Ladies of the Committee and to the Matron (Miss Jenkins) for the high standard which is maintained in this Institution.

SCALE OF CHARGES.

(1) Consultant Aid—Full Fees £5 5s. 0d.

Where the average income per head per week is :—

15/- or over	....	one-sixth
10/- to 15/-	....	one-twelfth
Under 10/-	....	No charge

(2) Midwives to act as Maternity Nurses in Doctor's cases. Fee £2 2s. 0d. for first case, and £1 10s. 0d. for subsequent cases.

Where the average income of family per head per week is :—

15/- or over	....	one-third
12/6 to 15/-	....	one-fourth
10/- to 12/6	....	one-eighth
Under 10/-	....	No charge

(3) Home Helps (Fee £1 5s. 0d. per week) and Provision for Couchment Sets.

Where the average income of family per head per week is :—

17/6 or over	....	full amount
15/- to 17/6	....	one-half
12/6 to 15/-	....	one-third
10/- to 12/6	....	one-fourth
9/- to 10/-	....	one-eighth
Under 9/-	....	No charge

(4) Patients admitted to West Park Hospital. Scale of Charges.

Total amount at which contributions are calculated: £4 10s. 0d.

(a) Patients in receipt of two Maternity Benefits, and where the average income of the family per head per week (after deducting rent and rates) is 9s. 0d. or over to pay £3 0s. 0d. and a proportion of the remaining £1 10s. 0d. in accordance with the scale for Home Helps ; but if the average income of the family per head per week is under 9s. 0d. then £2 0s. 0d. only shall be contributed.

(b) Patients in receipt of one Maternity Benefit, and where the average income of the family per head per week (after deducting rent and rates) is 9s. 0d. or over to pay £1 10s. 0d. and a proportion of the remaining £3 0s. 0d. in accordance with the scale for Home Helps ; but if the average income of the family per head per week is under 9s. 0d. then £1 0s. 0d. only shall be contributed.

(c) Patients in receipt of no Maternity Benefits to pay a proportion of the amount of £4 10s. 0d. in accordance with the scale for Home Helps.

(d) Where the total weekly income of the family (after deducting rent and rates) is under £1 0s. 0d., the amount of contribution may be varied by the Committee, according to any special circumstances existing in such case.

Approved by the Committee on 5th May, 1931, 10th October, 1933, and 16th May, 1939.

PROFESSIONAL NURSING IN THE HOME.

Macclesfield Queen's District Nursing Association.

Two Nurses are employed by the Association for visiting the sick. The Macclesfield Queen's District Nursing Association performs very valuable work in meeting the need for sick nursing in the home, and is deserving of whole-hearted support from the public.

Midwives.

The Local Authority does not employ or subsidise any of the Midwives practising in this Borough. Arrangements exist by which the Maternity and Child Welfare Committee defrays the whole or part of the cost of the confinement in West Park Hospital of cases considered suitable and recommended by the Medical Officer of Health.

STATISTICS

1935 to 1939

	1935	1936	1937	1938	1939
Total Notified Births	451	450	441	439	406
Birth Rate	12.5	12.2	12.1	11.2	10.5
Still-birth Rate	25	56.5	55.0	70.7	57.3
Infant Death Rate	63	58.8	72.6	51.2	57.0
Neonatal Death Rate	34.1	40.7	43.0	31.7	36.4
Maternal Deaths	2	4	1	5	0
Cases to West Park and Other Maternity Hospitals	20	17	17	28	46
Home Helps granted	—	—	—	28	22
Attendances at Welfare Centres.					
Attendances of children under 1 year	5,254	5,839	4,062	4,964	3,497
Attendances of children 1 to 5 years	2,539	2,931	3,727	4,696	4,534
Average attendance of children up to 5 years, (Hurdsfield House)	65.	72.	60.	73.	81.
(Great King Street)	75.5	81.4	78.0	93.2	58.0
Average attendance at all Centres	70.25	77.0	69.3	83.3	69.0
Total number of children who attended for the first time:—					
(a) Under 1 year	295	273	227	258	220
(b) 1 to 5 years	61	112	149	107	47
ANTE-Natal Clinic.					
Total number of attendances by expectant mothers	180	381	273	365	422
Number of expectant mothers who attended for first time	100	144	116	162	138
PRE-SCHOOL Clinic.					
Total attendances	419	1,652	1,500	1,920	1,733

MILK—Bacterial Examination.

During the year 22 samples of milk were purchased from retailers during the ordinary rounds of street delivery during February, May and November.

The samples were submitted to a detailed bacteriological examination, and animal inoculation tests were carried out for the detection of Tubercle Bacilli.

The results of the examination are set out below.

No.	Date	No. of Bacteria per c.c.	Bacillus Coli present in parts per cubic centimetre.			Tubercle Bacilli
			1/100th	1/1000th	1/10000th	
1.	11/2/39	10,930	—	—	—	—
2.	,,	9,500	—	—	—	—
3.	,,	17,630	—	—	—	—
4.	,,	25,600	—	—	—	—
5.	,,	18,730	—	—	—	—
6.	,,	27,330	—	—	—	—
7.	23/5/39	74,330	—	—	—	—
8.	,,	88,000	Positive	—	—	—
9.	,,	45,330	—	—	—	—
10.	,,	52,330	—	—	—	—
11.	,,	47,660	—	—	—	—
12.	,,	76,000	Positive	—	—	—
13.	22/11/39	36,000	—	—	—	—
14.	,,	47,000	—	—	—	—
15.	,,	44,330	—	—	—	—
16.	,,	46,000	—	—	—	—
17.	28/11/39	33,000	—	—	—	Positive?
18.	,,	25,500	—	—	—	Positive?
19.	,,	19,700	—	—	—	—
20.	,,	150,660	Positive	—	—	—
21.	,,	9,960	—	—	—	—
22.	,,	18,800	—	—	—	—

One of the samples on bacteriological examination was reported as containing "a small number of acid fast bacilli somewhat resembling Tubercle Bacilli but not sufficiently characteristic to form a definite opinion." This was immediately reported to the County Medical Officer of Health and as a result the herd was examined by one of the County Veterinary Officers and a bulk sample of the milk was taken by him for examination.

Both the cattle and a bacteriological examination of the milk gave a negative result and this was confirmed by an animal inoculation test.

As a result of the animal inoculation tests two samples were reported as containing Tubercle Bacilli. Both samples were purchased from retailers who also produced the milk. In each case the dairy herds were examined by a County Veterinary Officer with negative results.

In one of these cases four cows had been sold and in the other two cows had been sold in the time that had elapsed between taking the sample and the animal inoculation tests being completed.

The producers of the three samples containing Bacillus Coli were informed of the result of the examination and the measures to be taken for the production of clean milk brought to their notice with a request that such measures be carried out with a view to preventing this contamination.

Dairies, Cowsheds and Milkshops.

During the year three applications for the transfer of registrations for the retail sale of milk were received and granted.

The total number of Wholesale Traders and Producers of Milk in the Borough is 41.

Of this number 2 are Wholesale Traders, 38 produce milk for sale and 1 for making butter.

The total number of Purveyors of Milk in the Borough is 79 and of this number 56 are retailers whose premises are situated in the Borough, and 23 are retailers with premises outside the Borough.

The following 16 farms are licenced by the County Council for the production of "Accredited Milk."

1. Highfield Farm, Ryles Park Road.
2. Ivy Meade Farm, Ivy Lane.
3. Red House Farm, Masons Lane.
4. Lark Hall Farm, Cottage Lane.
5. Bell Farm, Tytherington.
6. Bluebell Farm, Tytherington.
7. Pool End Farm, Tytherington.

8. Tytherington Old Hall Farm.
9. Upton Hall Farm, Upton.
10. Moreton Cottage Farm, Gawsworth Road.
11. Oldham's Hollow Farm, Tytherington.
12. Lower Roewoods Farm, Birtles Road.
13. Hilltop Farm, Pexhill Road.
14. Ivy Bank Farm, Ivy Lane.
15. Park Farm, Victoria Road.
16. Higher Fence Farm, Higher Fence Road.

The number is the same as for the previous year.

At the end of the year alterations were in progress at two farms with a view to obtaining a licence for the production of "Accredited Milk."

Other alterations have been carried out at two farms. At one of these farms the ventilation of one shippon was improved by the fixing of three new windows and the defective floor relaid with concrete, and at the other farm two shippons had two new windows fixed in each and the floors relaid with concrete.

During the year 154 visits of inspection have been made to the registered premises. During the visits to the farms the Movement of Stock Registers have been examined and signed.

Under the Milk Special Designations Order one licence was issued for the sale of "Pasteurised" milk, and two licences for the sale of "Accredited" milk.

Tuberculin Tested Milk is retailed in the Borough by a registered purveyor resident in the Rural District and who is licenced by the County Council.

SANITARY CIRCUMSTANCES OF THE AREA.

The following information in regard to water supplies and drainage and sewerage has kindly been supplied by Mr. E. Hamson, Borough Surveyor and Water Engineer.

WATER.

Extensions and Improvements during 1939.

Particulars of any new sources of public supply:—

Boreholes have been made in Tytherington and London Road areas and tests carried out on the yield from these underground sources, showing as a result that approximately 1,000,000 gallons per day may be obtained to augment the Upland Surface Water Supplies as and when necessary.

Improvements to existing sources of public supply:—

A scheme is in hand for extensions and alterations, bringing into use the above supply, assuring an ample quantity of water for all purposes throughout the Borough, additional storage of filtered water is to be provided in the 1½ million gallons Reservoir on the Hollins, also ½ million gallons Reservoir at Rulow and a 100,000 gallons water tower at Whirley. New mechanical filters at Langley are also being provided.

Any important extension of mains:—

New hydraulic mains are being provided between the Tytherington Pumping Station and Buxton Road Reservoir; also between London Road Pumping Station and the Hollins Reservoir and from London Road to the Whirley Barn Tower. These new mains will enable better pressures and increased volume of water to be obtained in the higher area of the town, also give better fire protection to the whole area of the Borough.

Have piped supplies been satisfactory in quality and quantity:

The quality of water has been maintained satisfactorily but the quantity has been intermittent in some higher areas of the Borough, due to consumption being in excess of capacity of mains. The new scheme outlined above will rectify these complaints.

State frequency of chemical or bacteriological examinations and the results of such examinations made during the year :—

Samples tested monthly, results show water to be satisfactory for domestic purposes.

Particulars of any parts of the district in need of an improved water supply :—

London Road, Broken Cross and Buxton Road areas. The above scheme will improve pressures in these areas.

Parts of the Borough still without a proper supply of water :—

Only a few farms on the outskirts of the Borough which rely upon springs and wells.

DRAINAGE AND SEWAGE.

Particulars of any important extension of the sewerage system :—

A complete review of the whole of the sewerage system has been undertaken and plans prepared for considerable extensions to the present sewers. Owing to the outbreak of war the scheme as a whole has been suspended, but the Ministry of Health is being pressed to consent to a part of the scheme being done to prevent flooding.

Particulars of any part of the district which is in need of improved sewerage facilities or sewage disposal works :—

The low lying area sewers are surcharged in times of floods and require enlarging, also development in the Broken Cross area and London Road area has outgrown the capacity of the existing sewers.

New additional sewers are necessary to relieve these areas as provided for in the above reviews.

SEWAGE DISPOSAL.

Mr. F. T. Hambleton, Manager of the Works, has kindly supplied the following interesting details.

During 1939, the total amount of sewage received at the works was 926,430,000 gallons, of this amount 64,177,000 gallons were treated as storm water.

Daily samples shew the average strength of the crude sewage as 10.62. The average strength of the final effluent

produced was 1.19. The average percentage purification effected was 88.8% which can be classified as good.

All samples collected by the Inspectors of the Lancashire Rivers Committee during the year proved satisfactory.

The following are the figures obtained at these works by Automatic and Check Rainguages :— January 4.38″, February 2.15″, March 1.92″, April 1.72″, May 1.29″, June 2.18″, July 7.44″, August 1.78″, September 0.88″, October 1.72″, November 5.15″, December 2.28.″.

Total rainfall for 1939, 32.89″.

There has not been any alterations or extensions to the Sewage Disposal Works during the year.

GENERAL.

The Private Street Works carried out under Notice during the year consisted of the making up of Pearle Street which was subsequently taken over by the Town Council.

CLOSET ACCOMMODATION.

New and additional closets provided :—

New houses	154
Factories	20
Additional for existing properties	24
Number of privy closets converted to clean water closets	Nil.
Number of waste water closets replaced with clean water closets	Nil.

Present Closet Accommodation for the Borough.

Number of clean water closets	12000
Number of waste water closets	337
Number of pail closets	31
Number of privy midden closets	93

The pail and privy closets are attached to premises which are situated in the rural parts of the Borough where no sewers are available.

HOUSE REFUSE REMOVAL AND STREET CLEANSING.

The work of removing house refuse and the cleansing of streets is carried out with direct labour by the Corporation.

At premises where water closets are installed the domestic refuse is stored in galvanised iron refuse bins with proper fitting cover.

The refuse deposited in these bins is removed weekly.

Privy closets and ashpits, which are confined to districts without sewers, are emptied as required.

The refuse is disposed of by tipping on a tip situate outside the Borough. During the year the "Controlled Tipping" system has been carried out with satisfactory results and the tip has not been the subject of a single complaint.

The total weight of refuse collected and disposed of is estimated to be 13,234 tons.

The whole of the work throughout the year has been carried out with the minimum number of complaints.

THE MORTUARY.

During the year 51 bodies were removed to the Mortuary and 51 post-mortem examinations made.

In addition, 17 post-mortem examinations were carried out at the General Infirmary, 4 at the West Park Hospital, and 5 at the Cheshire County Mental Hospital, making a total number for the Borough of 77.

Common Lodging Houses.

There are five Registered Common Lodging Houses in the Borough with accommodation for 141 nightly lodgers.

During the year 30,520 nightly lodgers were accommodated, an increase of 357 compared with the previous year.

With one exception the premises are old and ill adapted for the purpose for which they are used and in August two of the premises were included in a Clearance Area under the Housing Act 1936. Owing to the outbreak of hostilities this scheme is now in abeyance, but will be revived when the opportunity occurs.

At the time of writing this report, one common lodging house was in the process of being thoroughly re-conditioned.

284 visits of inspection have been made during the year,

The Sale Of Ice Cream.

Thirty-two shops where ice cream is sold were visited and inspected and found to be satisfactory.

Twenty-two of the shopkeepers manufactured and retailed the commodity and ten retailed it.

Bakehouses.

132 visits of inspection have been made to the bakehouses when they were found to be kept in a clean and satisfactory state.

The ventilation of one bakehouse was improved by the fixing of a larger window and at another a drain inlet was removed out of the bakehouse and fixed outside and the floor was relaid with concrete.

There are now on the register 48 Bakehouses and 15 Oatcake Bakers.

The Public Health (Meat) Regulations, 1924.

Shops, stalls, vehicles and places where food is prepared have been inspected and it was found that the requirements of the above regulations were being observed.

Slaughterhouses.

The number of slaughterhouses in the borough is 19. Of these eleven were "Registered" and eight "Licenced." Five of the licences were required to be renewed annually.

On the 1st October the provisions of the Food and Drugs Act, 1938, requiring all slaughterhouses to be licenced came into operation. As a result of this 18 persons occupying slaughterhouses had applied for licences up to the end of December.

Of these 18 slaughterhouses it was reported that:—

"The newest slaughterhouse has been licenced for 6 years and the oldest has been registered for 100 years. For various reasons some of the premises are not fit in all respects for the business of preparing meat for human consumption, but owing to the fact that the present time is not opportune to ask the Committee to provide alternative accommodation" it was recommended that each application be granted.

Frequent visits made to the slaughterhouses have shown that they have been properly used and maintained in a clean and wholesome condition.

Carcases Inspected and Condemned.

	Cattle	Calves	Sheep and Lambs	Pigs
Number killed (if known) (approximate)	2,500	148	11,650	270
Number inspected	1,810	104	5,600	240
All diseases except Tuberculosis :— Whole carcases condemned	—	—	2	2
Carcases of which some part or organ was condemned	15	—	31	—
Percentage of the number inspected affected with disease other than tuberculosis	.8	—	.5	.8
Tuberculosis only :— Whole carcases condemned	21	—	—	1
Carcases of which some part or organ was condemned	36	—	—	2
Percentage of the number inspected affected with Tuberculosis	3.1	—	—	1.2

In addition to the above, one six pound tin of pressed beef, 4 stones of codfish, and 2,200 lbs. of onions were condemned on account of unsoundness, and were voluntarily surrendered and destroyed.

OFFENSIVE TRADES.

There are two offensive trade premises in the Borough, one fat melter and one tripe boiler.

Both premises have been periodically visited and inspected.

In consequence of complaints about the obnoxious smell emitted from the fat melting works notice has been ordered

to be served on the proprietors by the Town Council, who own the premises, to terminate their tenancy, and for possession to be given up on the 29th September, 1940.

Food and Drugs (Adulteration) Act, 1928, etc.

REPORT of the samples purchased and submitted for analysis under the Food and Drugs (Adulteration) Act, 1928, the Public Health (Condensed and Dried Milk) Regulations, 1923, and Public Health (Preservatives, etc., in Food) Regulations.

Milk 25, Cream 7, Butter 6, Tea 6, Sausage 5, Lard 4, Infant Food 3, Jam 3, Cheese 2, Condensed Milk 2, Self-raising Flour 2, Bread 2, Pepper 2, Dried Milk 1, Sponge Fingers 1, Sweets 1, and Cocoa 1. Total 73.

Twenty-seven of the samples were purchased formally and forty-six informally.

Of the samples purchased formally 3 were adulterated and of the samples purchased informally two were adulterated.

The three samples purchased formally and which were reported as being adulterated were samples of milk. The following are the particulars of these samples.

During the ordinary delivery of milk in the street a sample was purchased and numbered 40 X. This was reported to be deficient in milk fat to the extent of 14 per cent. Two days after No. 40 X was purchased an "appeal to the cow" sample was purchased and this (No. 44 X) was found to be deficient in fat to the extent of 3 per cent.

The producer was cautioned and advised to obtain expert professional advice on the matter with a view to producing milk of the standard required. This he did and a further sample which was purchased was reported to be genuine.

The other sample No. 42 X was also purchased during the ordinary rounds of delivery and proved to be deficient in fat to the extent of 13 per cent. An "appeal to the cow" sample shewed the milk to contain 3.17 per cent. of milk fat.

This producer retailer was cautioned and a further sample taken some months after proved to be genuine.

Of the adulterated samples purchased informally one No. 28 X was a sample of sausage found to contain 5 grains per pound expressed as Boric Acid. A follow-up sample purchased formally proved to be free from adulteration. The trader's attention was then drawn to the result of the first analysis and he was warned.

The other adulterated sample was of Lard (No. 64 X) which was reported to be "Lard Substitute 100 per cent." When an attempt was made to purchase a sample of Lard formally the shopkeeper replied that only Lard Substitute was sold.

Owing to the Food and Drugs Act, 1938, coming into operation the taking of samples of foods and drugs for analysis by the Public Analyst was, from the 30th September, taken over by the County Council the authority now entrusted with the administration of this part of the Act.

Factories Act, 1937.

	Inspections.	Written Notices.
1.—Inspection of Factories with mechanical power	71	7
Factories without mechanical power	96	0
Other Premises under the Act (including works of building and engineering construction but not including outworkers' premises)	10	0
Outworkers	10	0
Total	187	7

	No. found.	No. remedied.
2.—Defects found:—		
Want of cleanliness	2	2
Sanitary accommodation defective	3	3
Total	5	5

The total number of visits of inspection paid to Factories during the year including Bakehouses was 271.

Thirteen Notices of Occupation of Factories were received from H.M. Inspector of Factories.

The following have been inspected and entered in the Register :—

Building Operations	6
Bread Bakers and Confectioners	48
Oatcake Bakers	15
Boot and Shoe Repairers	48
Cardboard Box Makers	1
Coach Painting	2
Cabinet Making	3
Clog Making....	2
Coppersmith	1
Dressmaking	7
Handloom Silk Weaving	2
Hosiery Waste Sorting	1
Joinery	2
Millinery	10
Motor Repairing	6
Oxy Acetylene Welding	1
Plumbing and Glazing	13
Photography	1
Rag Sorting	2
Shoeing Smith	1
Saddle Making	2
Silk Block Printing	1
Tailoring	11
Tin Plate Working	4
Total	190

HOUSING.

During the year representations were made that the following premises be dealt with under the Housing Act, 1936, and after consideration it was decided to deal with them as follows :—

Individual Unfit Houses.

Nos. 58, 60, 62, 64, 66, 68 and 70 Elizabeth Street.
Nos. 40, 42, 44 and 46 Windmill Street.
Nos. 2 and 4 Timber Street.
No. 12a Mill Street, and
Nos. 59 and 61 King Edward Street.

Clearance Area No. 1

No. 40 Derby Street.
No. 4 Thomas Street.
No. 6 Thomas Street.

No. 8 Thomas Street.
No. 1 house, 1 court, Thomas Street.
No. 2 house, 1 court, Thomas Street.
No. 3 house, 1 court, Thomas Street.

Obstructive Building.

Old building at rear of Nos. 5, 7 and 9 Old Mill Lane.

Owing, however, to the war, no further action has been taken in accordance with the instructions received from the Ministry of Health.

DEMOLITIONS.

In pursuance of the Council's Housing Programme the undermentioned dwelling houses have been demolished during 1939:—

Nos. 121, 123, 125, 127, 129 and 131 Broken Cross.
Nos. 2, 3 and 4 in Court 2, Brunswick Street.
Nos. 1, 2 and 3 in Court 1, Brunswick Street.
Nos. 38 and 40 Byron Street.
Nos. 1, 2 and 3 in Court 1, Beech Lane.
West End Cottage, Chestergate.
Nos. 40, 42 and 44 Charlotte Street.
Nos. 1, 3, 5 and 7 Clough Cottages, Windmill Street.
Nos. 169 and 171 Crompton Road.
Nos. 221, 223 and 225 Crompton Road.
Nos. 7, 8 and 9 in Court 3, Crompton Road.
Nos. 1, 2 and 3 in Court 6, Crompton Road.
Nos. 17, 19, 21, 23 and 25 Cuckstoolpit Hill.
Nos. 52 & 54 Derby Street.
Nos. 1 and 2 in Court 6, Derby Street.
Nos. 36, 38, 40 and 42 Davenport Street.
Nos. 27 and 29 Duke Street.
No. 8 Gosling Street.
Nos. 28, 30, 32 and 34 Gunco Lane.
Nos. 17 and 19 Henry Street.
Nos. 8, 10, 12 and 14 Knights Brow.
Nos. 5, 7, 9, 11, 13 and 15 Lower Bank Street.
Nos. 33, 35, 37, 39, 41, 43, 45, 47 and 49 Hurdsfield Road.
Rokerby Bungalow, Moss Lane.
No. 43 Park Lane.
Nos. 34, 36, 38 and 40 Park Lane.
Nos. 355, 357, 359, 361 and 363 Park Lane.
Nos. 1, 2 and 3 in Court 8, Park Lane.
Nos. 1, 3 and 5 Silk Street.
Nos. 9, 11 and 11a Shrigley Street.
Nos. 1, 2, 3 and 4 Upton Cottages, Snow Hill.

Nos. 1, 3, 5, 7, 9, 11 and 13 Sunderland Street.
Nos. 20 and 22 Wardle Street.
Nos. 11, 13, 15 and 17 Water Street.
Nos. 8, 10 and 12 Waters Green.

Total of the Demolitions by Order to date.

Total number demolished during 1935	92
Total number demolished during 1936	24
Total number demolished during 1937	123
Total number demolished during 1938	121
Total number demolished during 1939	117
Grand total to date	477

In addition to these the following properties were demolished voluntarily during 1939.

No. 10 Parsonage Street.
No. 10 Tabor Street.
Nos. 13 and 15 Brunswick Street.

Total of Voluntarily Demolitions to date.

Total number demolished voluntarily during 1935	11
Total number demolished voluntarily during 1936	7
Total number demolished voluntarily during 1937	15
Total number demolished voluntarily during 1938	14
Total number demolished voluntarily during 1939	4
Total	51
Total number of houses demolished by order 1935-6-7-8-9	477
Total number of houses voluntarily demolished 1935-6-7-8-9	51
Grand Total	528

Houses dealt with by Closing Order.

No houses were dealt with by means of Closing Orders during the year.

During the preceding four years 30 parts of buildings had been dealt with by Closing Orders all of which had been made effective by the removal of the tenants.

Back-to-Back Houses made into Through Houses and thoroughly Re-conditioned.

No. 11 Blackshaw Street and 2 house, 1 Court, Blackshaw Street.
Nos. 49 and 51 Byron Street.
Nos. 43 Chapel Street added to 41 St. George's Street.
Nos. 13 and 15 Chapel Street.
Nos. 120 Chester Road and 1 West Street.
Nos. 76a Daybrook Street and 2 house, 4 Court, Daybrook Street.
Nos. 20 Parsonage Street and 3 house, 5 Court, Parsonage Street.
Nos. 4 and 6 Richmond Place.
Nos. 27 Rodney Street and 5 house, 2 Court, Rodney Street.
Nos. 14 Shaw Street and 1 house, 6 Court, Shaw Street.
Total 19.

The total number dealt with to the end of 1939 is 286.

The following houses have been made fit and re-conditioned in accordance with the Undertakings submitted and accepted:—

No. 8 Justice Street.
Nos. 138 and 140 Park Lane.
Nos. 28, 30 and 32 Preston Street West.

This brings the total number of houses re-conditioned to the end of 1939 to 44.

Undertakings Completed where the Houses were Sanctioned for use as Workshops.

Nos. 1 and 2 in Court 2, Barker Street. (After the removal of the top storey).
No. 6a Shaw Street.

Eradication of Bed Bugs.

Particulars of the action taken for the eradication of bed bugs including information as to:—

(1) The number of (a) Council Houses; (b) other houses found to be infested; (c) Disinfested.

(2) The methods employed for freeing infested houses from bed bugs, and the name of the fumigant and/or insecticide used.

(3) The methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council Houses.

(4) Whether the work of disinfestation is carried out by the Local Authority or by a contractor.

(5) The measures taken by way of supervision or education of tenants to prevent infestation or re-infestation after cleansing.

1. (a) Four Council Houses were found to be infested during the year and disinfested.
   (b) Thirty other houses were found to be infested.
   (c) Four Council Houses and eighteen other houses were treated with Hydrogen Cyanide gas, the remaining twelve by sulphur.

2. Hydrogen Cyanide gas is used for all Council work and private owners of property are advised to use it. In some cases it is thought to be too expensive and as a result sulphur is used.

3. The belongings of all tenants moving into Council Houses are examined and where necessary disinfestation is carried out by treating the belongings with Hydrogen Cyanide gas for four hours whilst the furniture is in the removal van.

4. In all cases the work is done by a private contractor.

5. Where necessary an inspector of the Health Department visits the tenants and advises and instructs them in the simple measures necessary to prevent infestation.

It is pleasing to report that only four Council Houses required treatment during the year out of a total of over 1,200 houses.

Provision of Council Houses for Displaced Tenants from Insanitary Properties.

In 1938 the Council placed a contract for 56 houses and of this number 18 were completed and occupied during the early part of this year.

The fulfilment of this contract completed the Five Years' Re-housing Programme of the Council and made a total of 585 houses built, comprised as follows:—

Bungalows	145
Two-bedroomed houses	338
Three-bedroomed houses	78
Four-bedroomed houses	24

The number of persons displaced in connection with this programme is 2,217.

The removals during the year have been accomplished without friction and special arrangements were made to ensure the safety and comfort of aged people during the transfer of their furniture, etc., to the Council Houses.

HOUSING.

Statistics for the Year 1939.

The information respecting the new houses has kindly been supplied by Mr. E. Hamson, Borough Surveyor.

Number of New Houses erected during the year 1939:—

(a) Total (including numbers given separately under (b)	154
(i) By the Local Authority	18
(ii) By other Local Authorities	0
(iii) By other bodies or persons	136
(b) With State Assistance under the Housing Acts :—	
(i) By the Local Authority	18

1.—Inspection of Dwelling-houses during the year:—

1. (a) Total number of dwelling-houses inspected for housing defects (Under Public Health or Housing Acts)	1,090
(b) Number of inspections made for the purpose	3,161
2. (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	164
(b) Number of inspections made for the purpose	368
3. Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	23
4. Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	321

2.—Remedy of Defects during the year without Service of Formal Notices:—

Number of dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	305

3.—Action under Statutory Powers during the Year:—

(a) Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs 0

(2) Number of dwelling-houses which were rendered fit after service of formal notices:—

(a) By owners 0

(b) By Local Authority in default of owners 0

(b) Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied 44

(2) Number of dwelling-houses in which defects were remedied after service of formal notices:—

(a) By owners 41

(b) By Local Authority in default of owners 0

(c) Proceedings under sections 11 and 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made 0

(2) Number of dwelling-houses demolished in pursuance of Demolition Orders 117

(3) Number of Undertakings accepted by the Local Authority in respect of unfit houses.... 0

(4) Number of unfit houses made fit by the completion of the Undertakings given 25

(d) Proceedings under section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made 0

(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit 0

4.—Housing Act, 1936 (Part IV).—Overcrowding:—

(a) (i) Number of dwellings overcrowded at the end of the year 69

(ii) Number of families dwelling therein 71

(iii) Number of persons dwelling therein 549

(b) Number of new cases of overcrowding reported during the year 16

(c) (i) Number of cases of overcrowding relieved during the year 88
(ii) Number of persons concerned in such cases 673

(d) Particulars of any cases in which dwelling houses have become overcrowded after the Local Authority have taken steps for the abatement of overcrowding 0

(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

Attached are the tables of overcrowding under the Act, in each of the six wards of the Borough. These tables are drawn up to facilitate easy reference and identification, giving the number in the Rate Book of the Premises, the initials of the occupier, the extent of the overcrowding under the Act, together with the number of cases abated during the year, with the manner in which they were abated.

WARD 1.

No. of premises in Rate Book	Initials of Occupier	Extent of overcrowding.	If abated and how.
23	M.H.	One Unit.	
71	H.T.	One Unit.	
72	P.S.	One Unit.	Family reduced by one unit.
33	H.G.	Half Unit.	Family reduced by unit and a half.
381	F.S.	Half Unit.	Family reduced by half unit.
388	F.H.	Half Unit.	Family reduced by half unit.
495	E.H.	Half Unit.	
686	F.G.	One Unit.	Family broken up.
756	W.H.W.	Three Units.	Family reduced by three units and a half.
6447	A.N.	Half Unit.	
6429	H.P.	Four Units.	
843	H.H.	One Unit.	
7339	E.C.	Four Units and a half.	
1868	W.O.	One Unit.	
2110	F.S.	Half Unit.	Family reduced by three units and a half.
2509	J.E.F.	One Unit and a half.	
2504	G.S.	Half Unit.	
12155	T.P.	One Unit.	Council House
573	T.H.	One Unit and a half.	
574	M.H.	Half Unit.	
382	F.H.G.	One Unit.	

TOTAL 21

WARD 4.

No. of premises in Rate Book	Initials of Occupier	Extent of overcrowding.	If abated and how.
11099	F.T.H.	One Unit.	
232	H.F.	Half Unit.	Council House.
11712	T.B.	One Unit and a half.	
11699	J.E.	One Unit and a half.	
1111	J.B.	One Unit.	Family reduced two units.
953	T.D.	One Unit and a half.	Council House.
6988	H.B.	One Unit and a half.	Family reduced two units.
1451	J.M.	Two Units.	
1765	S.H.	Half Unit.	Removed to larger house.
1781	W.V.	Half Unit.	Family reduced one unit.
1947	R.H.	One Unit and a half.	
1872	S.F.	One Unit.	
2026	S.A.G.	Two Units.	
2018	H.B.	One Unit and a half.	Removed to larger house.
12036	T.D.	One Unit.	
11269	E.B.	Two Units.	Removed to larger house.
2227	E.L.	One Unit.	Family reduced one unit.
11335	W.W.	Two Units.	
11322	J.H.	One Unit.	Removed to larger house.
2403	H.B.	Two Units and a half.	Removed to larger house.
2405	H.H.	One Unit.	Removed to larger house.
2407	F.L.W.	One Unit.	Family reduced four units.
2469	F.B.	One Unit and a half.	
2538	S.C.	One Unit.	
2558	W.H.N	One Unit and a half.	Council House.
2549	D.G.W.	One Unit and a half.	
2654	S.B.	Half Unit.	Family reduced one unit and a half.
2656	J.W.S.	One Unit.	Family reduced two units.
2657	F.W.	Half Unit.	Council House.
2844	J.C.	One Unit.	Family reduced two units.
2840	J.W.	Two Units and a half.	Council House.
247	T.O.	One Unit.	
439	A.K.	Half Unit.	
11304	J.M.	One Unit.	
11287	J.S.	One Unit and a half.	
13176	M.B.	Two Units	
12411	J.N.	One Unit.	
12528	J.H.	Half Unit.	
12541	W.W.	Two Units	
12575	F.W.	Half Unit.	
2470	W.S.	Half Unit.	

TOTAL 41

WARD 5.

No. of remises in Rate Book	Initials of Occupier	Extent of overcrowding.	If abated and how.
3133	W.S.	Three Units.	Council House.
3112	V.M.D.	Half Unit.	Family reduced half unit.
3031	H.M.	One Unit.	
3059	T.T.	Three Units.	Family reduced 5½ units.
3122	H.V.	One Unit.	Family reduced one unit.
3410	G.H.	One Unit and a half.	Removed to larger house.
3465	J.A.R.	Half Unit.	Family reduced 3½ units.
4271	H.W.S.	Half Unit.	Family reduced 3½ units.
4194	J.W.R.	One Unit.	Family reduced two units.
4192	A.B.	Two Units.	
4188	T.M.	One Unit.	
4364	F.M.	Half Unit.	Removed to larger house.
4707	F.H.	One Unit.	Removed to larger house.
5523	J.M.	Half Unit.	Family reduced half unit.
5606	C.H.	Three Units and a half.	Family reduced 4½ units.
6101	J.P.	Two Units.	Removed to larger house.
906	S.H.	Two Units.	
6850	E.H.	Two Units and a half.	
6839	F.P.	One Unit.	Family reduced one unit.
7025	J.O.	Half Unit.	
7024	I.K.	Half Unit.	Family reduced half unit.
7185	W.D.	Half Unit.	Family reduced 1½ units.
7179	J.G.O.	One Unit.	Family reduced two units.
7411	J.T.	One Unit.	Family reduced two units.
7413	T.L.	Three Units and a half.	
7464	E.P.	Half Unit.	Council House.
7444	J.L.	One Unit.	Left. Cannot trace.
4203	A.B.	Half Unit.	
5586	P.E.	One Unit	Family reduced by one unit.
5609	H.P.	One Unit and a half.	
7539	J.R.	One Unit.	
7896	J.B.	One Unit.	
8940	W.M.	Family reduced by two units.	
9985	S.K.	One Unit.	Family reduced three units.
10399	E.E.	One Unit.	Family reduced two units.
10424	J.L.	Two Units	
10657	J.C.	Half Unit.	

TOTAL 37

WARD 6.

No. of premises in Rate Book.	Initials of Occupier.	Extent of overcrowding.	If abated and how.
3593	J.W.W.	Half Unit.	Family reduced two units.
4407	H.H.	Half Unit.	Left district.
4612	J.H.B.	One Unit and a half.	Family reduced two units.
5845	J.T.W.	Half Unit.	Council House.
668	J.W.H.	Two Units.	
6020	F.C.	Half Unit.	Family reduced half unit.
6248	T.T.	Half Unit.	Council House.
6461	G.H.	Two Units and a half.	
6496	B.W.	One Unit.	Removed to larger house.
6603	J.G.	Half Unit.	Family reduced one unit.
6764	S.G.	Half Unit.	Family reduced one unit and a half.
8958	J.T.P.	One Unit.	Family reduced one unit.
8955	F.F.	Half Unit.	
9237	J.W.S.	One Unit.	Family reduced three units.
9261	F.C.	Two Units and a half.	

TOTAL 15

SENIOR SANITARY INSPECTOR'S REPORT

Health Office,
Town Hall,
Macclesfield.

To the Chairman and Members of the
Health Committee.

Mr. Chairman, Ladies and Gentlemen,

I beg to submit my Annual Report for the year ended 31st December, 1939, but before passing on to a brief review of the work carried out I must record my appreciation of the work done by my predecessor, Mr. J. Hermann, from whom I took over the duties of Senior Sanitary Inspector in the month of May.

During the year 5242 special and routine visits were made to premises and inspections carried out in accordance with the various Acts administered by the Department.

Nuisances.

Nine hundred and ninety-six letters and preliminary notices, 41 statutory notices, and a large number of interviews with persons responsible for the abatement of nuisances, resulted in 437 nuisances being abated.

Details of the work done to abate the nuisances included repairs to 191 houses; the supply of water to 79 houses was improved by the laying of new and larger service supply pipes from the mains; 58 defective water closets repaired and put into good working order; 97 house drains have been cleared, relaid or improved; 9 dirty houses have been cleansed and 34 disinfested of bed bugs; 24 new water closets have been provided for existing properties; 421 domestic refuse bins with proper fitting covers have been renewed; and 30 observations have been made for the detection of smoke nuisances.

To prevent nuisances from dirty walls, etc., lime was supplied to householders to limewash 918 rooms and 454 brushes were loaned to apply the same.

Infectious Disease.

Three hundred and ninety-five visits were made to 266 houses in connection with outbreaks of infectious disease. 227 houses were disinfected where infectious diseases occurred, including 54 houses that were treated after the death or removal of patients suffering from tuberculosis.

Housing.

During the year the Five Years' Building Programme of the Council to re-house tenants from Unfit Houses was completed by the handing over for tenancy of the last 18 houses contracted for in the 56 Scheme, which was started in 1938.

The furniture of six of the 18 families re-housed was disinfested before removal to the Council Houses by treating the articles with Hydrogen Cyanide Gas.

The routine inspection of houses continued during the year and a number of dwelling-houses were found to be unfit for human habitation, but owing to the outbreak of hostilities further action had to be held in abeyance. Details of the properties will be found in the body of the report.

Overcrowding.

On the 1st January, 1939, there were on the register 141 houses that had been found to be overcrowded, and during the year a further 16 houses were found to be overcrowded, making a total of 157. These 157 houses have been visited and the numbers of occupants checked to see if they were still overcrowded with the following result:—

Of the 157 overcrowded houses 88 houses containing 673 persons were found to be decrowded.

And of the 88 houses decrowded 10 families had been re-housed in Council Houses, 20 had found more accommodation in houses privately owned, and 58 families had been decrowded owing to children marrying and leaving to set up homes of their own.

The total number of overcrowded houses now on the register is 69, and the number of persons affected is 549.

Shops Acts.

As mentioned in the last report the Council, after consideration, decided to transfer the administration to the Weights and Measures Department and since the month of May the Acts relating to Shops have been carried out by Weights and Measures Inspector.

Canal Boats.

During the year nine inspections were made of 5 boats. Three boats were met with once and two were met with three times. The actual number of persons occupying the five boats

was 7 men, 2 women, and 1 child. Each person had a home separate from the boat on which they worked.

No cases of infectious disease were met with.

The decreased traffic on the canal continued throughout the year and no boats were met with on a number of occasions when the canal was visited.

Contagious Diseases of Animals Acts.

No outbreaks of disease occurred during the year. Under the Regulations for the Movement of Swine 18 licences were issued for the movement of 98 pigs, 232 licences were received for the movement into the Borough of 888 pigs ; and 90 licences for the movement into the Borough of 424 sheep and lambs and 526 imported cattle.

Early in the year copies of the leaflet dealing with the Warble Fly were posted to each stock holder in the Borough with a request for his co-operation in carrying out the provisions of the order.

Three notifications relating to two farms were received of animals which had been slaughtered under the Tuberculosis Animals Order, 1925. On receipt of each notification the farm was visited and the carrying out of cleansing and disinfection was supervised.

The usual routine inspections have been made of slaughterhouses, bakehouses, dairies, cowsheds and milkshops, offensive trade premises, workshops, and common lodging houses, the details of which will be found in the body of the report under their respective headings.

In accordance with the instructions of the Ministry, I attach a classified statement showing the number and nature of the inspections made during the year, the number of statutory and informal notices served, together with the result of such notices.

I have the honour to remain,

Your obedient servant,

ARTHUR ALBINSON,

Senior Sanitary Inspector.

CHESHIRE COUNTY COUNCIL.

General Order of the Ministry of Health (Medical Officer of Health and Sanitary Inspector) December 13th, 1910.

TABULAR STATEMENT OF SANITARY INSPECTOR FOR YEAR ENDED 31st DECEMBER, 1939.

A	B			C		
Number and Nature of Inspections made.	No. of Notices Served.			Result of Service of Notices.		
	Number.	Statutory.	Informal.	Notices complied with.	Remaining in hand.	Prosecutions.
1. Dwelling-houses (general inspections)	2450	15	450	420	45	—
2. Cellar Dwellings	None in District.					
3. Back-to-Back Houses	190	23	32	51	4	—
4. Tents, Vans, Sheds, etc.	2	—	2	2	2	—
5. Courts, Yards, Passages	No record kept.					
6. Privy-Middens, Earth or Pail Closets	4	—	—	—	—	—
7. Cesspools	30	—	—	—	—	—
8. House Drainage	285	—	95	84	11	—
9. Ditches, Watercourses, &c.	12	—	1	1	—	—
10. Offensive Accumulations	14	1	6	7	—	—
11. The keeping of Animals (P.H.A., 1936, 2b S. 9)	12	—	6	6	—	—
12. Offensive Trades	36	—	2	2	—	—
13. (a) Slaughterhouses (Public)	No public slaughterhouse.					
Do. (Private)	494	—	18	18	—	—
(b) Other Places where Food is produced or sold	33	—	1	1	—	—
14. Piggeries	47	1	—	1	—	—
15. (a) Dairies	132	—	3	1	2	—
(b) Cowsheds	102	—	14	2	12	—
(c) Milkshops	30	—	—	—	—	—
16. (a) Factories	10	—	5	5	—	—
(b) Workshops	73	—	11	11	—	—
(c) Workplaces	14	—	—	—	—	—
(d) Outworkers' Premises	6	—	—	—	—	—
17. Bakehouses (Overground)	132	—	2	2	—	—
Do. (Underground)	None in District.					
18. Common Lodging Houses	280	1	6	6	1	—
19. Houses let in Lodgings	None in District.					
20. Smoke Observations	30	—	10	10	—	—
21. Canal Boats	9	—	—	—	—	—
22. Provision of Regulation Ashbins	437	—	192	166	26	—
23. Infectious Disease Inquiries and Re-visits	271	—	—	—	—	—
24. Miscellaneous	107	—	14	13	1	—
TOTALS	5242	41	870	809	102	—

(Signed) ARTHUR ALBINSON,
Senior Sanitary Inspector.